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PA1166XC OriGene EU

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Recombinant Human Macrophage Inflammatory protein-1 alpha (CCL3)

Catalog No.:PA1166XCQuantity:1 mgConcentration:1.0 mg/mlSpecies:MouseSource:E. coli, E. coliFormat:State: Sterile Filtered White lyophilized (freeze-dried) powder.Purity: y99% Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by RP-HPLC. (c) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by RP-HPLC. (c) Analysis by RP-HPLC. <br< th=""><th>Alternate names:</th><th>CCL3, MIP1 alpha</th></br<>	Alternate names:	CCL3, MIP1 alpha
Concentration:1.0 mg/mlSpecies:MouseSource:E. coli, E. coliFormat:State: Sterile Filtered White lyophilized (freeze-dried) powder. Purity: 99% Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. Buffer System: Lyophilized from a concentrated solution containing no additives Endotoxin Level: Less than 0.1 ng/ug (IEU/ug) of Recombinant MIP-talpha. Dimers: Less than 100µg/ml, which can then be further diluted to other aqueous solutions.Description:Recombinant Murine Macrophage Inflammatory Protein-1 alpha produced in E.coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids. Murine MIP-ta is purified by proprietary chromatographic techniques. AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Pro-Tyrt-Gly-Ala. Biological Activity: Murine Macrophage Inflammatory Protein-1 is fully biologically active when compared to standard. The Activity is calculated by the ability to chemoattract of Balb3/C splenocytes using 1-10 ng/ml. Molecular weight: 7820 Dalton. Molecular weight: 8 kDaAdd. Information:Protein quantitation was carried out by two independent methods: 1. U's spectroscopy at 280 nm . 2. Analysis by RP-HPLC, using a calibrated solution of Recombinant Murine MIP-1 alpha as a Reference Standard.Storage:Lyophilized MIP-1alpha although stable at room temperature for 3 weeks, should be stored desiccated below -18 C. For long term storage it is recommended to add a	Catalog No.:	PA1166XC
Species:MouseSource:E. coli, E.coliFormat:State: Sterile Filtered White lyophilized (freeze-dried) powder.Purity: >99% Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. Buffer System: Lyophilized from a concentrated solution containing no additives Endotoxin Level: Less than 0.1 ng/µg (IEU/µg) of Recombinant MIP-1alpha. Dimers: Less than 1% as determined by silver-stained SDS-PAGE gel analysis. Reconstitution: It is recommended to reconstitute the lyophilized MIP-1a in sterile 18MO- cm H20 not less than 100µg/ml, which can then be further diluted to other aqueous solutions.Description:Recombinant Murine Macrophage Inflammatory Protein-1 alpha produced in E.coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids. Murine MIP-1a is purified by proprietary chromatographic techniques. AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Pro-Tyr-Gly-Ala. Biological Activity: Murine Macrophage Inflammatory Protein-1 is fully biologically active when compared to standard. The Activity is calculated by the ability to chemoattract of Balb3/C Splenocytes using 1-10 ng/ml. Molecular weight: 7820 Dalton. Molecular weight: 7820 Dalton. Molecular weight: 88 kDaAdd. Information:Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm . 2. Analysis by RP-HPLC, using a calibrated solution of Recombinant Murine MIP-1 alpha as a Reference Standard.Storage:Lyophilized MIP-1alpha although stable at room temperature for 3 weeks, should be stored desiccated below -18 C. For long term storage it is recommended to ad a	Quantity:	1 mg
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Format:State: Sterile Filtered White lyophilized (freeze-dried) powder. Purity: >99% Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. Buffer System: Lyophilized from a concentrated solution containing no additives Endotxin Level: Less than 0.1 ng/µg (IEU/µg) of Recombinant MIP-1alpha. Dimers: Less than 1% as determined by silver-stained SDS-PAGE gel analysis. Reconstitution: It is recommended to reconstitute the lyophilized MIP-1a in sterile 18MO- cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.Description:Recombinant Murine Macrophage Inflammatory Protein-1 alpha produced in E.coli is a single, non-glycosylated, polypeptide chain containing 69 amino acids. Murine MIP-1a is purified by proprietary chromatographic techniques. AA Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Pro-Tyr-Gly-Ala. Biological Activity: Murine Macrophage Inflammatory Protein-1 is fully biologically active when compared to standard. The Activity is calculated by the ability to chemoattract of Balb3/C splenocytes using 1-10 ng/ml. Molecular weight: 7820 Dalton. Molecular weight: 7820 Dalton. Molecular weight: 8 kDaAdd. Information:Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm . 2. Analysis by RP-HPLC, using a calibrated solution of Recombinant Murine MIP-1 alpha as a Reference Standard.Storage:Lyophilized MIP-1alpha although stable at room temperature for 3 weeks, should be stored desiccated below -18 C. Upon reconstitution MIP-1 alpha ashould be stored desiccated below -18 C. Coro long term storage it is recommended to add a	Species:	Mouse
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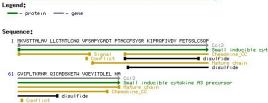
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PA1166XC: Recombinant Human Macrophage Inflammatory protein-1 alpha (CCL3)

General Readings:	 Fujita H, Asahina A, Gao P, Fujiwara H, Tamaki K. Expression and regulation of RANTES/CCL5, MIP-1alpha/CCL3, and MIP-1beta/CCL4 in mouse Langerhans cells. J Invest Dermatol. 2004 May;122(5):1331-3. PubMed PMID: 15140240. Herrlinger U, Aulwurm S, Strik H, Weit S, Naumann U, Weller M. MIP-1alpha antagonizes the effect of a GM-CSF-enhanced subcutaneous vaccine in a mouse glioma model. J Neurooncol. 2004 Jan;66(1-2):147-54. PubMed PMID: 15015780. Yoshida S, Yoshida A, Ishibashi T, Elner SG, Elner VM. Role of MCP-1 and MIP-1alpha in retinal neovascularization during postischemic inflammation in a mouse model of retinal neovascularization. J Leukoc Biol. 2003 Jan;73(1):137-44. PubMed PMID: 12525571. Ousman SS, David S. MIP-1alpha, MCP-1, GM-CSF, and TNF-alpha control the immune cell response that mediates rapid phagocytosis of myelin from the adult mouse spinal cord. J Neurosci. 2001 Jul 1;21(13):4649-56. PubMed PMID: 11425892.
Pictures:	PA1166XCME0607



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