

AR50445PU-S

Mouse CXCL3 / MIP2B (28-100, His-tag) - Purified

Alternate names:

C-X-C motif chemokine 3, GRO-gamma, GRO3, GROG, Growth-regulated protein gamma, MIP2-beta, Macrophage inflammatory protein 2-beta, SCYB3

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

CXCL3/GROg is a small cytokine belonging to the CXC chemokine family. CXCL3 controls migration and adhesion of monocytes and mediates its effects on its target cell by interacting with a cell surface chemokine receptor called CXCR2.

Uniprot ID:

[Q6W5C0](#)

NCBI:

[NP_976065.1](#)

GeneID:

[330122](#)

Species:

Mouse

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 50% glycerol 0.15M NaCl, 5mM DTT

Description:

Recombinant mouse CXCL3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMAVVAS ELRCQCLNTL PRVDFETIQS LTVTPPGPHC
TQTEVIATLK DGQEVCLNPQ GPRLQIIKK ILKSGKSS

Molecular weight: 10.6 kDa (98aa), confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Diez-Roux, G., et al. (2011) PLoS Biol. 9 (1), E1000582 Zlotnik, A., et al. (2010) Genome Biol. 7 (12), 243

Pictures:

