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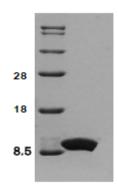
SA6054X Human Interleukin-8 / IL8 (78 aa) - Purified

Alternate names:	CXCL8, Emoctakin, GCP1, Granulocyte chemotactic protein 1, MDNCF, MONAP, Monocyte-derived neutrophil chemotactic factor, Monocyte-derived neutrophil- activating peptide, NAP1, Neutrophil-activating protein 1, Protein 3-10C, T-cell chemotactic factor
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Background:	Interleukin-8 (IL-8) is a chemokine, a member of the cytokine family that displays chemotactic activity for specific types of leukocytes. It is a proinflammatory CXC chemokine that can signal through the CXCR1 and CXCR2 receptors. Many cell types, including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, keratinocytes, hepatocytes, chondrocytes, and various tumor cell lines, can produce CXCL8/IL-8 in response to a wide variety of pro-inflammatory stimuli such as exposure to IL-1, TNF, LPS, and viruses.
Uniprot ID:	<u>P10145</u>
NCBI:	<u>9606</u>
GenelD:	<u>3576</u>
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS-PAGE Buffer System: Phosphate buffer saline (pH 7.4) Endotoxin Level: < 1.0 EU per 1ug of protein (determined by LAL method)
Description:	Recombinant Human Interleukin-8 / IL-8, aa 23-99 was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MAVLPRSAKE LRCQCIKTYS KPFHPKFIKE LRVIESGPHC ANTEIIVKLS DGRELCLDPK ENWVQRVVEK FLKRAENS Molecular weight: 9 kDa (78 a.a), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Mukaida, N., et al. (1992). Microbiol. Immunol.,36. 773. 2. Larsen, C.G., et al. (1989). Science, 243, 1464. 3. Baldwin ET., et al. (1990) J Biol Chem. Apr 265, 6851

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:



15% SDS-PAGE

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