

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

<b>Alternate names:</b>	CXCL8, Emotakin, 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
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">P10145</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GenelD:</b>	<a href="#">3576</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% by SDS-PAGE <b>Buffer System:</b> Phosphate buffer saline (pH 7.4) <b>Endotoxin Level:</b> < 1.0 EU per 1ug of protein (determined by LAL method)
<b>Description:</b>	Recombinant Human Interleukin-8 / IL-8, aa 23-99 was expressed in E.coli and purified by using conventional chromatography techniques. <b>AA Sequence:</b> MAVLP <del>R</del> SAKE LRCQCIKTYS KPFHPKFIKE LRVIESGPHC ANTEIIVKLS DGRELCLDPK ENWVQRVVEK FLKRAENS <b>Molecular weight:</b> 9 kDa (78 a.a), confirmed by MALDI-TOF
<b>Storage:</b>	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.
<b>General Readings:</b>	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

Pictures:

