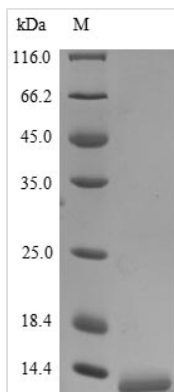




Recombinant Human Interleukin-8 (CXCL8)

Product Code	CSB-YP011671HU
Relevance	IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.
Abbreviation	Recombinant Human CXCL8 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10145
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	AVLPRSAKELRCQCIKTYSKPFHFKFIKELRVIESGPHCANTEIIVKLSGDGRELCLDPKENWVQRVVEKFLKRAENS
Research Area	Immunology
Source	Yeast
Target Names	CXCL8
Protein Names	C-X-C motif chemokine 8 Chemokine (C-X-C motif) ligand 8 Eotaxin Granulocyte chemotactic protein 1 Short name: GCP-1 Monocyte-derived neutrophil chemotactic factor Short name: MDNCF Monocyte-derived neutrophil-activating peptide Short name: MONAP Neutro
Expression Region	23-99aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	10.9 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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