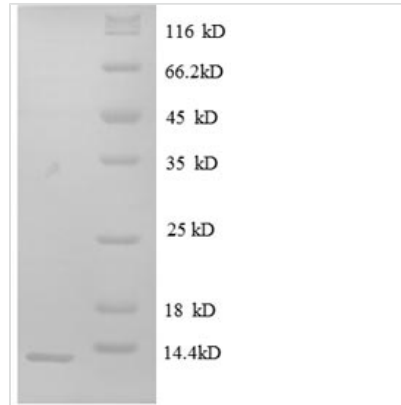




Recombinant Human Interleukin-8 (CXCL8), partial

Product Code	CSB-EP011671HU1
Relevance	IL-8 is a chotactic 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.
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
Alias	C-X-C motif chemokine hemokine (C-X-C motif) ligand 8Emoctakin;Granulocyte chemotactic protein 1 ;GCP-1Monocyte-derived neutrophil chemotactic factor ;MDNCFMonocyte-derived neutrophil-activating peptide ;MONAPNeutrophil-activating protein 1 ;NAP-1;Protein 3-10CT-cell chemotactic factor
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SAKELRCQCIKTYSKPFHPKFIKELRVIESGPHCANTEIIVKLSDBGRELCLDPKE NWWQRVVEKFLKRAENS
Research Area	Immunology
Source	E.coli
Target Names	CXCL8
Expression Region	28-99aa
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	12.4kDa
Protein Length	partial
Image	



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

Shelf Life

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.