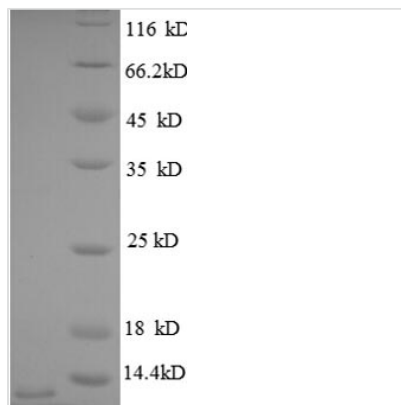




Recombinant Human C-X-C motif chemokine 3 (CXCL3)

Product Code	CSB-EP006249HU
Relevance	Ligand for CXCR2 . Has chotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion. In vitro, the processed form GRO-gamma(5-73) shows a fivefold higher chotactic activity for neutrophilic granulocytes.1 Publication
Abbreviation	Recombinant Human CXCL3 protein
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.	P19876
Alias	GRO-gamma(1-73)Growth-regulated protein gamma ;GRO-gammaMacrophage inflammatory protein 2-beta ;MIP2-beta
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ASVVTCLRCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNKGKACLNP ASPMVQKIIEKILNKGSTN
Research Area	Immunology
Source	E.coli
Target Names	CXCL3
Expression Region	35-107aa
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	11.9kDa
Protein Length	Full Length of Mature Protein
Image	



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

Description

Dive deeper into immunology research with our high-quality Recombinant Human CXCL3 protein. As a member of the C-X-C motif chemokine family, CXCL3 (also known as GRO3, GROG, or SCYB3) plays a significant role in the recruitment and activation of leukocytes, contributing to inflammation and immune response processes.

Our recombinant protein represents the full length of the mature human CXCL3, including the 35-107aa expression region. Expertly produced in E.coli, the protein features an N-terminal 6xHis-tag for simplified purification and detection. Boasting a purity greater than 90% as determined by SDS-PAGE, our Recombinant Human CXCL3 ensures a reliable product for your immunology investigations. Available in both liquid and lyophilized powder forms, this protein offers flexibility for your experimental requirements.

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

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.