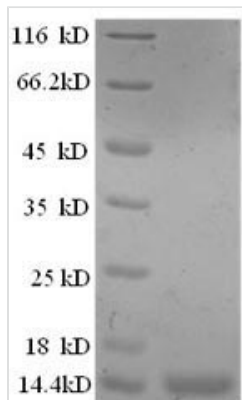




Recombinant Sheep Interleukin-8 (IL8)

Product Code	CSB-EP011671SH
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.
Abbreviation	Recombinant Sheep IL8 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.	P36925
Alias	C-X-C motif chemokine hemokine (C-X-C motif) ligand 8
Product Type	Recombinant Protein
Immunogen Species	Ovis aries (Sheep)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AVLSRMSTELRCQCICKTHSTPFHPKFIKELRVIESGPHCENSEIIVKLTNGKEVC LDPKEKWVQKVVQAFLKRAEKQDP
Research Area	Others
Source	E.coli
Target Names	CXCL8
Expression Region	23-101aa
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	13.1kDa
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

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.