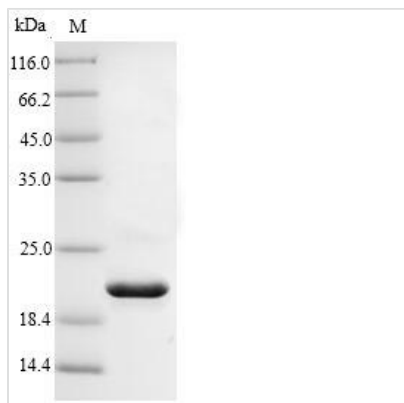




Recombinant Human Interleukin-18 (IL18)

Product Code	CSB-YP614514HU
Relevance	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.
Abbreviation	Recombinant Human IL18 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.	Q14116
Alias	lbctadekin Interferon gamma-inducing factor
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	YFGKLESKLSVIRNLNDQVLFIDQGNRPLFEDMTDSDCRDNAPRTIFIISMYKDS QPRGMAVTISVKCEKISTLSCENKIISFKEMNPPDNIKDTKSDIIFQRSVPGHD NKMQFESSSYEGYFLACEKERDLFKLILKKEDELGDRSIMFTVQNE
Research Area	Immunology
Source	Yeast
Target Names	IL18
Protein Names	Recommended name: Interleukin-18 Short name= IL-18 Alternative name(s): lbctadekin Interferon gamma-inducing factor Short name= IFN-gamma- inducing factor Interleukin-1 gamma Short name= IL-1 gamma
Expression Region	37-193aa
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	20.2kDa
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.