



Recombinant Human Interleukin-18 (IL18)

Product Code	CSB-EP614514HU-B
Abbreviation	IL18
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
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	YFGK LESKLSVIRN LNDQVLFIDQ GNRPLFEDMT DSDCRDNAPR TIFIISMYKD SQPRGMAVTI SVKCEKISTL SCENKIISFK EMNPPDNIKD TKSDIIFQQR SVPGHDKMQ FESSYEGYF LACEKERDLF KLILKKEDEL GDRSIMFTVQ NED
Source	E.coli
Target Names	Name:IL18 Synonyms:IGIF, IL1F4
Protein Names	Recommended name: Interleukin-18 Short name= IL-18 Alternative name(s): Iboctadekin Interferon gamma-inducing factor Short name= IFN-gamma- inducing factor Interleukin-1 gamma Short name= IL-1 gamma
Expression Region	37-193
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.