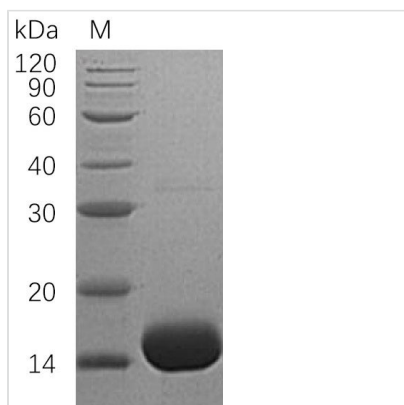




Recombinant Human Interleukin-3 (IL3) (Active)

Product Code	CSB-AP004531HU
Abbreviation	Recombinant Human IL3 protein (Active)
Uniprot No.	P08700
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 20mMPB,5%Sucrose,0.05%Tween80,pH 6.5.
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Loaded Human IL-3RA-Fc on Protein A Biosensor, can bind Human IL-3 with an affinity constant of 3.89uM as determined in BLI assay. ②Loaded Human IL-3RA-Fc-Avi on Protein A Biosensor, can bind Human IL-3 with an affinity constant of 3.74 uM as determined in BLI assay.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	APMTQTTPLKTSWVNCSNMIDEIITHLKQPPLPLDFNNLNGEDQDILMENNLR RPNLEAFNRAVKSLQNASAIESILKNLLPCLPLATAAPTRHPIHIKGDWNEFRR KLTFYLKTLENAQAQQTTLSLAIF
Research Area	Immunology
Source	E.coli
Target Names	IL3
Expression Region	20-152aa
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	16.6 kDa
Protein Length	Full Length of Mature Protein

Image



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

Endotoxin Less than 1.0 EU/μg as determined by LAL method.



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.