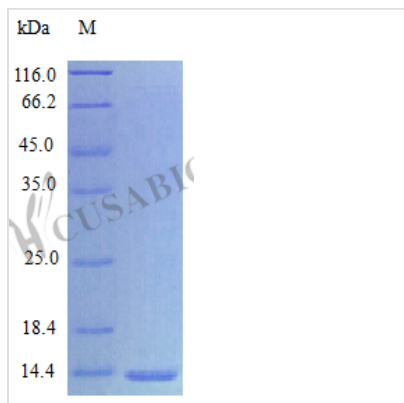




Recombinant Human Interleukin-15 protein (IL15) (Active)

Product Code	CSB-AP001621HU
Abbreviation	Recombinant Human IL15 protein (Active)
Uniprot No.	P40933
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured in a cell proliferation assay using MO7e human megakaryocytic leukemic cells. The ED50 for this effect is 0.300-2.60 ng/mL. The specific activity of recombinant human IL-15 is $\geq 1.50 \times 10^8$ units/mg, which is calibrated against the human IL-15 reference standard (NIBSC code: 95/554).
Purity	>97% as determined by SDS-PAGE.
Sequence	NWVNVISDLK KIEDLIQSMH IDATLYTESD VHPSCKVTAM KCFLLELQVI SLESGDASIH DTVENLIILA NNSLSSNGNV TESGCKECEE LEEKNIKEFL QSFVHIVQMF INTS
Research Area	Immunology
Source	E.coli
Target Names	IL15
Expression Region	49-162aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	12.9 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	8178155; 8932977; 8668345; 9405632; 14702039; 15489334; 21167836

Image



Product Precision	0.2 μ m filtered PBS, pH 7.4, lyophilized
Endotoxin	Less than 1.0 EU/ μ g 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.