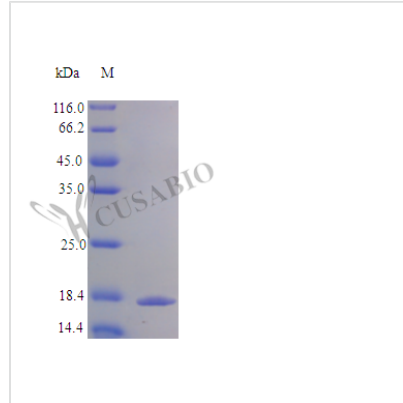




Recombinant Human Interleukin-33 protein (IL33), partial (Active)

Product Code	CSB-AP001911HU
Abbreviation	Recombinant Human IL33 protein, partial (Active)
Uniprot No.	O95760
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2µm filtered 20 mM PB, 150 mM NaCl, 1mM EDTA, pH7.4
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine D10S cells is less than 0.05 ng/ml, corresponding to a specific activity of $>2.0 \times 10^7$ IU/mg.
Purity	$>97\%$ as determined by SDS-PAGE.
Sequence	SITGISPIT EYLASLSTYN DQSITFALED ESYEIVEDL KKDEKKDKVLLSYYESQHPS NE SGDGVDGK MLMVTLSPK DFWLHANNKE HSVELHKCEKPLPDQAFFVL HNMHSNCVSF ECKTDPGVFI GVKDNHLALI KVDSSENLCT ENILFKLSET
Research Area	Immunology
Source	E.coli
Target Names	IL33
Expression Region	112-270aa
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	17.9 kDa
Protein Length	Partial
PubMed ID	12819012; 10566975; 16286016; 21454686; 14702039; 15164053; 15489334; 22307629; 17853410; 17185418; 18787100; 18836528; 19596270; 19559631; 19465481; 19439663; 21734074; 22215666; 19836339; 23980170

Image


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.