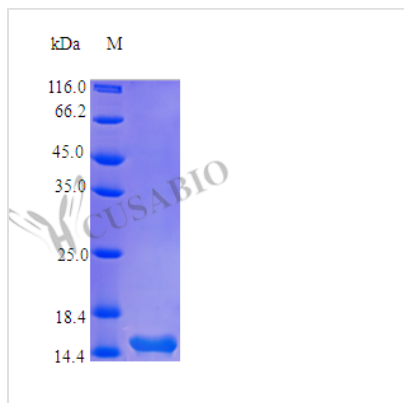




Recombinant Human Thymic stromal lymphopoietin protein (TSLP) (Active)

Product Code	CSB-AP002121HU
Abbreviation	Recombinant Human TSLP protein (Active)
Uniprot No.	Q969D9
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM PB, pH 7.4, 150 mM NaCl
Product Type	Colony Stimulating Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using human IL-7Rα and human TSLP R co-transfected murine BaF3 pro-B cells is less than 0.3 ng/ml, corresponding to a specific activity of >3.3x10 ⁶ IU/mg.
Purity	≥98% as determined by SDS-PAGE.
Sequence	M+YDFTNCDFE KIKAAYLSTI SKDLITYMSG TKSTEFNNTV SCSNRPHCLT EIQSLTFNPT AGCASLAKEM FAMKTKAALA IWCPGYSETQ INATQAMKKR RKRKVTTNKC LEQVSQLQGL WRRFNRPLLK QQ
Research Area	Immunology
Source	E.coli
Target Names	TSLP
Expression Region	29-159aa
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	15.1 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	11418668; 11480573; 15372022; 15489334; 17242164; 24850429
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.