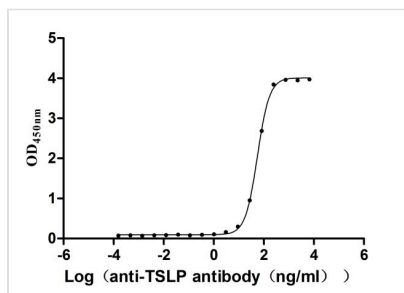




Recombinant Human Thymic stromal lymphopoietin (TSLP) (R127A,R130A) (Active)

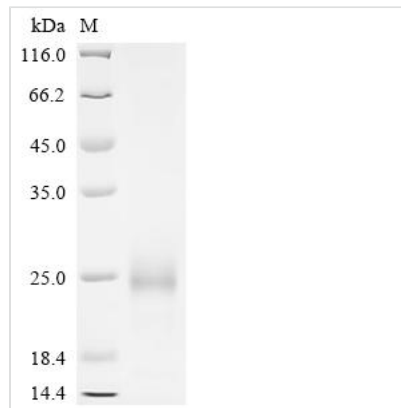
Product Code	CSB-MP025141HU(M)
Abbreviation	Recombinant Human TSLP protein (R127A,R130A) (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q969D9
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human TSLP(R127A,R130A) at 2 μg/mL can bind Anti-TSLP recombinant antibody(CSB-RA025141MA2HU). The EC ₅₀ is 52.55-58.67 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	YDFTNCDFEKIKAAAYLSTISKDLITYMSGTKSTEFNNTVSCSNRPHCLTEIQSLT FNPTAGCASLAKEMFAMKTKAALAIWCPGYSETQINATQAMKKARKAKVTTNK CLEQVSQLQGLWRRFNRPLLKQQ
Source	Mammalian cell
Target Names	TSLP
Expression Region	29-159aa(R127A,R130A)
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	16.6 kDa
Protein Length	Full Length of Mature Protein

Image

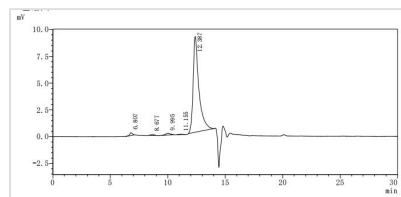


Activity

Measured by its binding ability in a functional ELISA. Immobilized human TSLP(R127A,R130A) at 2 μg/ml can bind Anti-TSLP recombinant antibody(CSB-RA025141MA2HU). The EC₅₀ is 52.55-58.67 ng/mL.



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



The purity of TSLP was greater than 95% as determined by SEC-HPLC

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.