

Thymic stromal lymphopoietin (TSLP)(R127A,R130A) Active Protein | R127A active protein

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

CATALOG #
AAA279365

HOST
Mammalian Cell

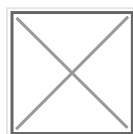
PRODUCT SYNONYMS

Thymic stromal lymphopoietin (TSLP)(R127A; R130A); Recombinant Human Thymic stromal lymphopoietin (TSLP)(R127A; R130A)(Active); TSLP (R127A; R127A active protein

PRODUCT SPECIFICATIONS

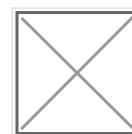
Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	YDFTNCDFEK IKAAYLSTIS KDLITYMSGT KSTEFNNTVS CSNRPHCLTE IQSLTFNPTA GCASLAKEMF AMKTKAALAI WCPGYSETQI NATQAMKKAR KAKVTTNKCL EQVSQLQGLW RRFNRPLLKQ Q
Sequence Length	29-159aa(R127A,R130A); Full Length of Mature Protein
Species	Homo sapiens (Human)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human TSLP (R127A,R130A) at 2ug/mL can bind Anti-TSLP recombinant antibody . The EC50 is 52.55-58.67ng/mL.
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 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

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



Activity

ADDITIONAL INFORMATION

Related Product Information for R127A active protein	Isoform 1Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c+ dendritic cells. Can induce allergic inflammation by directly activating mast cells.Isoform 2May act as an antimicrobial peptide in the oral cavity and on the skin.
Product Categories/Family for R127A active protein	Immunology
References	Human thymic stromal lymphopoietin preferentially stimulates myeloid cells. Reche P.A., Soumelis V., Gorman D.M., Clifford T., Liu M.-R., Travis M., Zurawski S.M., Johnston J., Liu Y.-J., Bazan J.F.J. Immunol. 167:336-343 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
NCBI GenBank Nucleotide #	NM_138551.4
UniProt Accession #	Q969D9; Q8IW99
Molecular Weight	18,141 Da
NCBI Official Full Name	thymic stromal lymphopoietin isoform 2
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
NCBI Protein Information	thymic stromal lymphopoietin
UniProt Protein Name	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP
UniProt Entry Name	TSLP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/thymic-stromal-lymphopoietin-tslp-r127ar130a/279365>