

Thymic Stromal Lymphopoietin/TSLP Active Protein | TSLP active protein

Recombinant Cynomolgus Thymic Stromal Lymphopoietin/TSLP (C-6His)

CATALOG #
AAA177974

HOST
E Coli

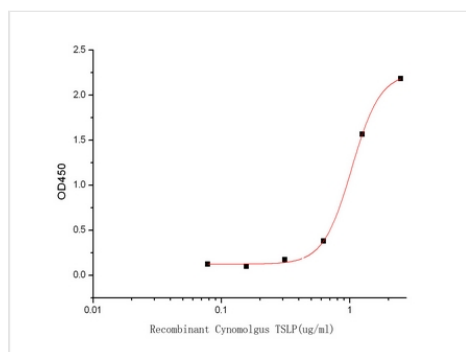
PRODUCT SYNONYMS

Thymic Stromal Lymphopoietin/TSLP; Recombinant Cynomolgus Thymic Stromal Lymphopoietin/TSLP (C-6His); Thymic stromal lymphopoietin; Thymic stroma-derived lymphopoietin; TSLP; TSLP active protein

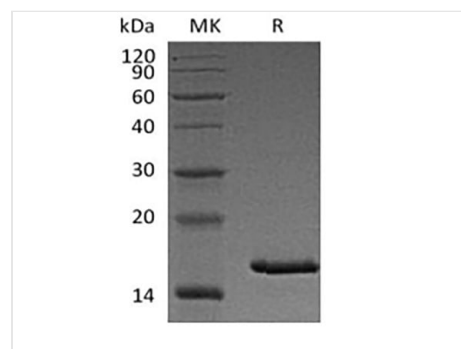
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by reducing SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution of 20mM PB, 500mM NaCl, pH7.4.
Sequence	Tyr29-Gln159(Glu37Gln)
Species	Cynomolgus
Tag	C-6His
Endotoxin	<1.0EU per ug as determined by the LAL method.
Protein Construction	Recombinant Cynomolgus Thymic Stromal Lymphopoietin is produced by our E Coli expression system and the target gene encoding Tyr29-Gln159(Glu37Gln) is expressed with a 6His tag at the C-terminus.
Activity	Immobilized Mouse TSLPR-Fc at 10ug/ml (100ul/well) can bind Biotinylated Cynomolgus TSLP-His . The ED50 of Cynomolgus TSLP-His is 3.2ug/ml.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months. This product is provided as lyophilized powder which is shipped with ice packs.

IMAGES



Bioactivity



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TSLP active protein	Thymic stromal lymphopoietin (TSLP) is a protein belonging to the cytokine family, contains 140 amino acids. It is known to play an important role in the maturation of T cell populations through activation of antigen presenting cells. TSLP induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c+ dendritic cells. It can induce allergic inflammation by directly activating mast cells. TSLP is produced mainly by non-hematopoietic cells such as fibroblasts, epithelial cells and different types of stromal or stromal-like cells. These cells are located in regions where TSLP activity is required.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Mol. Mass: 16.2kDa AP Mol. Mass: 16kDa
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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/e-coli-active-protein/thymic-stromal-lymphopoietin-tslp/177974>