

TSLP active protein

Recombinant Human TSLP

CATALOG #
AAA214262

HOST
E Coli

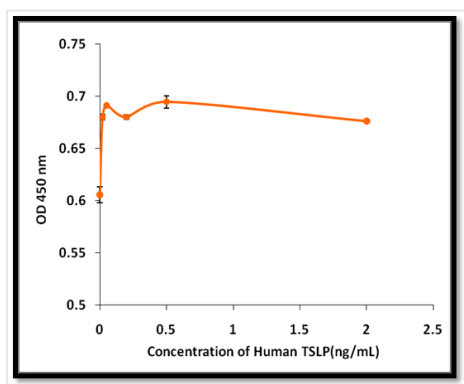
PRODUCT SYNONYMS

TSLP; Recombinant Human TSLP; Thymic stromal lymphopoietin; Recombinant Human Thymic Stromal Lymphopoietin (TSLP); TSLP active protein

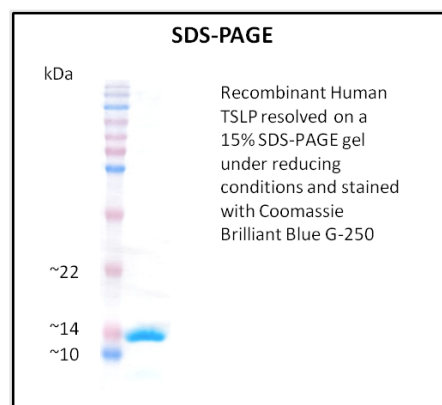
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered concentrated (1.0 mg/mL) solution in 20 mM PB, pH 7.4, 150 mM NaCl.
Sequence Length	63
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of human IL-7R-alpha and human TSLP R co-transfected mouse BaF3 cells, was found to be < 3.0 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for TSLP active protein

TSLP is a hemopoietic protein that was initially identified from mouse thymic stromal cell line that promoted the development of B cells. TSLP overlaps biological activities with IL-7 and can co-stimulate growth of thymocytes and mature T cells alongside supporting lymphopoiesis. Human TSLP shares approximately 43% amino acid sequence identity with mouse TSLP. Human TSLP has been detected in many tissues although the highest level of expression has been found in the heart, liver, testis and prostate. TSLP signals through a heterodimeric receptor complex that consists of IL-7R-alpha and the TSLP-R.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
NCBI GenBank Nucleotide #	NP_612561.2
UniProt Accession #	Q969D9
Molecular Weight	15.0 kDa
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/e-coli-active-protein/tslp/214262>