TSLP Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	TSLP, Recombinant Protein
Full Product Name	Recombinant Mouse TSLP
Product Gene Name	TSLP recombinant protein
Product Synonym Names	Thymic stromal lymphopoietin; Thymic stroma-derived lymphopoietin; Tslp
Sequence	Tyr20-Glu1 40
Host	Mammalian Cells
Form/Format	Lyophilized from a 0.2um filtered solution of PBS, pH7.4
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Preparation and Storage	The lyophilized protein is stable at -20 degree C for up to 1 year. After reconstitution, the protein solution is stable at -20 to -80 degree C for 3 months or 1 week at 2 to 8 degree C under sterile conditions. For extended storage, it is recommended to further dilute in working aliquots, avoid repeated freeze/thaw cycle.
3D Structure	ModBase 3D Structure for Q9JIE6
Species	Mouse
Endotoxin	< 1 EU/ug as determined by LAL test.
Tag	C-terminal hFc Tag
Reconstitution	Centrifuge the vial at 10000rpm for 30s before opening, reconstitute in sterile distilled water to a concentration of 0.1-1mg/ml by gently pipetting 2-3 times, don't vortex.
Product Categories/Family for TSLP recombinant protein	cytokines
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for TSLP recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for TSLP recombinant protein	MBS7622182 is a recombinant protein targeting TSLP. Also known as Recombinant Mouse TSLP. Host: Mammalian Cells.
Other Notes	Small volumes of TSLP recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSLP. It may not necessarily be applicable to this product.

NCBI GI #	81868532
NCBI GeneID	53603
NCBI Accession #	Q9JIE6.1
UniProt Primary Accession #	Q9JIE6
UniProt Related Accession #	Q9JIE6

NCBI Official Full Name	Thymic stromal lymphopoietin
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	Tslp
UniProt Protein Name	Thymic stromal lymphopoietin
UniProt Synonym Protein Names	Thymic stroma-derived lymphopoietin
Protein Family	Thymic stromal lymphopoietin
UniProt Gene Name	Tslp
UniProt Entry Name	TSLP_MOUSE
NCBI Protein Information	thymic stromal lymphopoietin
UniProt Comments for TSLP	TSLP: Cytokine 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. Protein type: Secreted; Secreted, signal peptide Cellular Component: extracellular space; extracellular region Molecular Function: cytokine activity
Research Articles on TSLP	**1.** Study in human keratinocyte HaCaT and in mouse keratinocyte PAM212 cell lines suggested that inactivation of prolyl hydroxylase by hypoxia and hypoxia-mimicking conditions is involved in the repression of TNF-alpha-induced TSLP expression. Results indicated that hypoxia and hypoxia-mimicking conditions inhibited TSLP expression via HIF-2 and HRE-dependent mechanisms.
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