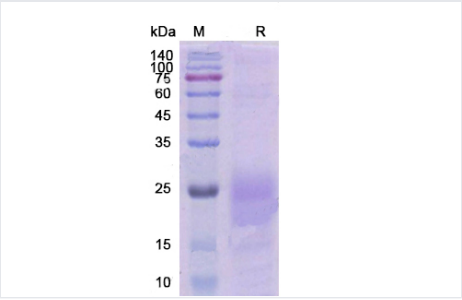
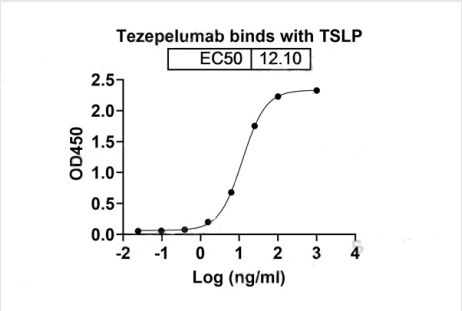
TSLP Human Recombinant Protein

PRODUCT OVERVIEW

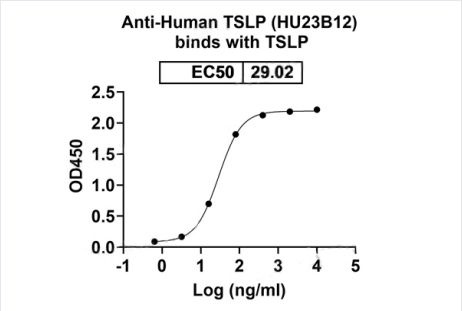
Product Name	TSLP, Recombinant Protein
Full Product Name	Recombinant Human TSLP, C-His
Product Gene Name	TSLP recombinant protein
Product Synonym Names	TSLP; Thymic stromal lymphopoietin; Drug Target
Host	Mammalian cells
Form/Format	Lyophilized from a solution in PBS pH 7.4
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.
Molecular Weight	Predicted: 18.21 kDa
Sequence Positions	Tyr29-Gln159
Chromosome Location	Chromosome: 5; NC_000005.9 (110405778..110413722). Location: 5q22.1
OMIM	607003
3D Structure	ModBase 3D Structure for Q969D9
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Expression system	Mammalian Cells
Protein length	Tyr29-Gln159
Nature	Recombinant
Product Categories/Family for TSLP recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for TSLP recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for TSLP recombinant protein	MBS1575114 is a recombinant protein targeting TSLP. Also known as Recombinant Human TSLP, C-His. 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.



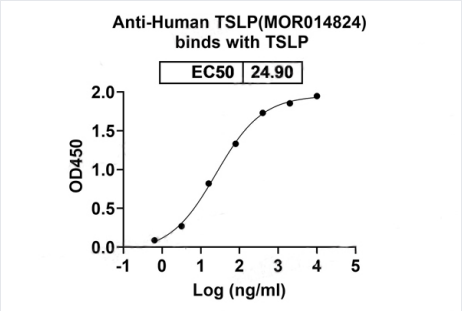
SDS-Page of TSLP recombinant protein
SDS PAGE for recombinant Human TSLP



Bioactivity of TSLP recombinant protein
Detects Tezepelumab in indirect ELISAs.



Bioactivity of TSLP recombinant protein
Detects HU23B12 in indirect ELISAs.



Bioactivity of TSLP recombinant protein
Detects Human TSLP antibody in indirect ELISAs.

ADDITIONAL DETAILS

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

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
UniProt Primary Accession #	Q969D9
UniProt Secondary Accession #	Q8IW99
UniProt Related Accession #	Q969D9
GenBank Nucleotide #	NM_138551.4
NCBI Official Full Name	thymic stromal lymphopoietin isoform 2
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
UniProt Protein Name	Thymic stromal lymphopoietin
Protein Family	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP
UniProt Entry Name	TSLP_HUMAN
NCBI Protein Information	thymic stromal lymphopoietin

NCBI Summary for TSLP	This gene encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c(+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
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, signal peptide; Secreted Chromosomal Location of Human Ortholog: 5q22.1 Cellular Component: extracellular space Molecular Function: cytokine activity
Research Articles on TSLP	**1.** This study suggests that SNPs in TSLP gene may exert a gender and/or nasal polyposis-dependent risk for development of CRS in Chinese subjects.
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