

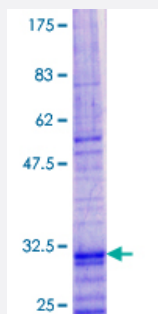
Full-Length

TSLP (Human) Recombinant Protein (P01)

Catalog # H00085480-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TSLP full-length ORF (NP_612561.1, 1 a.a. - 60 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKTKAALAWCPGYSETQINATQAMKKRRKRKVTTNKCLEQVSQLQGLWRRFNRPLLKQQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.5
Interspecies Antigen Sequence	Mouse (42)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TSLP

Entrez GeneID [85480](#)

GeneBank Accession# [NM_138551.2](#)

Protein Accession# [NP_612561.1](#)

Gene Name TSLP

Gene Alias -

Gene Description thymic stromal lymphopoietin

Omim ID [607003](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq]

Other Designations -

Publication Reference

- [TSLP/TSLPR promote angiogenesis following ischemic stroke via activation of the PI3K/AKT pathway.](#)

Yu X, Peng Y, Liang H, Fu K, Zhao Z, Xie C, Zhou L, Zhang K.

Molecular Medicine Reports 2018 Feb; 17(2):3411.

Application: Induction, Recombinant protein

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Dermatitis](#)
- [Esophagitis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kaposi Varicelliform Eruption](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Obesity](#)
- [Vitiligo](#)