Rev03
Update: Aug,08,2025

DATASHEET

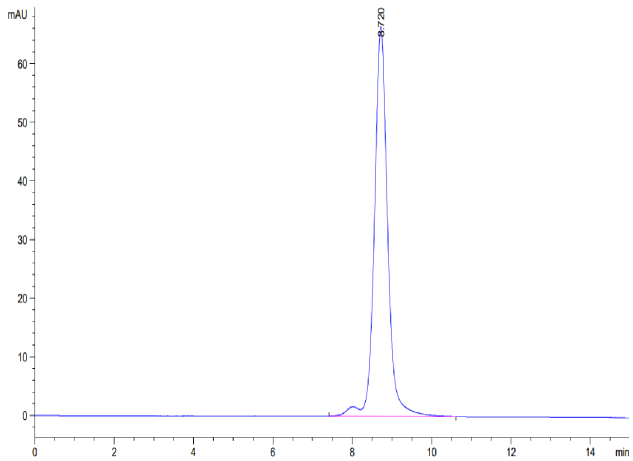
TSLPR, His, Mouse

Cat. No.: Z06395

Product Introduction

Species	Mouse
Protein Construction	TSLPR (Ala20-Pro232)_x000D_ Accession # Q8CII9-1 — His N-term — C-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	23.6 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



The purity of TSLPR, His, Mouse is greater than 95% as determined by SEC-HPLC.

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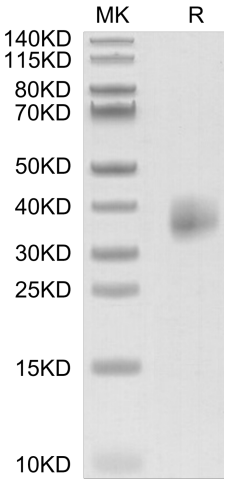

TSLPR, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Background

Target Background : The pro-inflammatory cytokine thymic stromal lymphopoietin (TSLP) plays a pivotal role in the pathophysiology of various allergy disorders that are mediated by type 2 helper T cell (Th2) responses, such as asthma and atopic dermatitis. TSLP forms a ternary complex with the TSLP receptor (TSLPR) and the interleukin-7-receptor subunit alpha (IL-7Rα), thereby activating a signaling cascade that culminates in the release of pro-inflammatory mediators.

Synonyms : TSLP receptor; TSLPR; CRL2; CRLF2Y; CRLF2; IL-XR; p2RY8/CRLF2 fusion; CRLF2

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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