Product Name: Recombinant Mouse TSLP R (C-6His)

Catalog #: PHM1739



概述 (Summary)

英文全称 TSLP R/Thymic Stromal Lymphopoietin Receptor/CRLF2

纯度 (Purity) Greater than 95% as determined by reducing SDS-PAGE

内毒素 (Endotoxin level) <1 EU/μg as determined by LAL test.

蛋白构建 (Construction) Recombinant Mouse Thymic Stromal Lymphopoietin Protein Receptor is

produced by our Mammalian expression system and the target gene encoding Ala20-Leu233 is expressed with a 6His tag at the C-terminus.

Accession # AAH23788.1

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species)Mouse预测分子量 (Predicted MW)23.7 KDa

蛋白形态 (Form) Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

储存缓冲液 (Buffer)

运输方式 (Shipping) The product is shipped at ambient temperature. Upon receipt, store it

immediately at the temperature listed below.

稳定性&储存 (Stability &Storage) Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3

months under sterile conditions after opening. Please minimize freeze-thaw

cycles.

复溶 (Reconstitution) Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It

is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized

protein in distilled water. Please aliquot the reconstituted solution to minimize

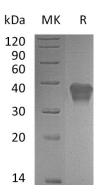
freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

CRL2; CRLF2; CRL2 cytokine receptor; Cytokine receptor-like 2; cytokine receptor-like factor 2; ILXR; IL-XR; P2RY8/CRLF2 fusion; Thymic stromal lymphopoietin protein receptor; Thymic stromal-derived lymphopoietin receptor; TSLP receptor; TSLPR

The cytokine thymic stromal lymphopoietin receptor (TSLPR) is consisting of a common γ receptor–like chain (TSLPR- γ) and a common interleukin 7 (IL-7) R α chain that belongs to the type 1 cytokine receptor family. Transfection of TSLPR cDNA result in only low affinity binding, while cotransfection of the IL-7R α chain cDNA shows high affinity binding. TSLP and TSLPR play a critical role in the initiation of allergic diseases in mice. The TSLP R cDNA encodes a transmembrane receptor containing 370 amino acids (aa) with two potential N-linked glycosylation sites and a cytoplasmic domain of 104 aa including a single tyrosine residue. TSLPR can mediate signaling of the signal transducer and activator of transcription 5 (Stat5) by TSLP. TSLP R is broadly expressed in the immune and hematopoietic cells, particularly in hematopoietic progenitors and myeloid cells.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.