Product Name: Recombinant Human TSLP R(C-6His)
Catalog #: PHH2139

Summary

Name	TSLP R/Thymic Stromal Lymphopoietin Receptor/CRLF2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cytokine Receptor-Like Factor 2 is produced by our Mammalian expression system and the target gene encoding Gly25/xadLys231 is expressed with a 6His tag at the C-terminus.
Accession #	Q9HC73
Host	Human Cells
Species	Human
Predicted Molecular Mass	24.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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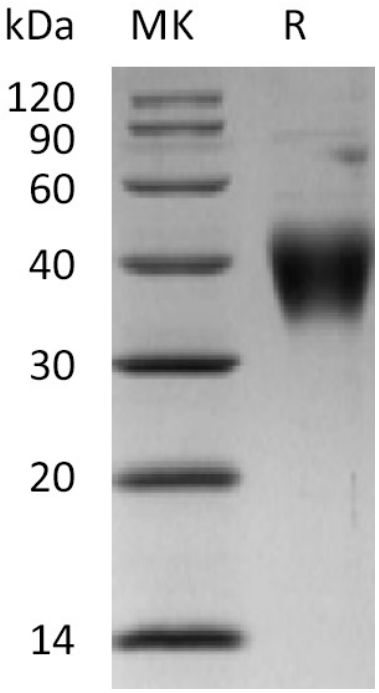

Alternative Names

CRL2; CRL2cytokine receptor CRL2 precusor; CRLF2; CRLF2Y; CRLM-2; Cytokine receptor-like 2; cytokine receptor-like factor 2; ILXR; IL-XR; P2RY8/CRLF2 fusion; PCOR1; TSLP R; TSLP receptor; TSLPR

Background

Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2 (By similarity). Implicated in the development of the hematopoietic system. TSLP R expression is ubiquitous in the immune and hematopoietic cells, but is up-regulated in Th2-skewed cells. Cells expressing TSLP R alone bind TSLP with low affinity. Co-expression of TSLP R and IL-7 R alpha is required for high-affinity TSLP binding and signal transduction . The TSLP R and IL-7 R alpha are coexpressed primarily on monocytes and dendritic cells and at lower levels in lymphoid cells. TSLP has been shown to induce the release of T cell-attracting chemokines from monocytes and enhance the maturation of CD11c+ dendritic cells.

Note

For Research Use Only , Not for Diagnostic Use.