

## TSLP R Protein, Mouse (HEK293, His)

<b>Cat. No.:</b>	HY-P70989
<b>Synonyms:</b>	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
<b>Species:</b>	Mouse
<b>Source:</b>	HEK293
<b>Accession:</b>	AAH23788.1 (A20-L233)
<b>Gene ID:</b>	57914
<b>Molecular Weight:</b>	35-40 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> A A A V T S R G D V   T V V C H D L E T V   E V T W G S G P D H   H S A N L S L E F R Y G T G A L Q P C P   R Y F L S G A G V T   S G C I L P A A R A   G L L E L A L R D G G G A M V F K A R Q   R A S A W L K P R P   P W N V T L L W T P   D G D V T V S W P A H S Y L G L D Y E V   Q H R E S N D D E D   A W Q T T S G P C C   D L T V G G L D P A R C Y D F R V R A S   P R A A H Y G L E A   Q P S E W T A V T R   L S G A A S A A S C T A S P A P S P A L   A P P L           </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	Cytokine receptor-like factor 2 (Crlf2), also known as thymic stromal lymphopoietin (TSLP) receptor, is a receptor for thymic stromal lymphopoietin (TSLP). Crlf2 can form a functional complex with TSLP and IL7RA, and overexpression of Crlf2 stimulates cell proliferation through activation of the JAK-STAT pathway (STAT3 and STAT5). Crlf2 is usually upregulated and mutated in populations of B-progenitor acute lymphoblastic leukemia (B-ALL) <sup>[1][2]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA