
Product Data Sheet

Product Name: TSLPR Human, Sf9
 Cat. No.: GP21021
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cytokine receptor-like factor 2; CRLF2; Cytokine receptor-like factor 2; Cytokine receptor-like 2; IL-XR; Thymic stromal lymphopoietin protein receptor; TSLP receptor; CRL2; ILXR; TSLPR; Cytokine receptor-like factor 2 isoform 1; CRLF2Y.		
Amino Acid Sequence	ADPQGGAEG VQIQIIFYNL ETVQVTWNAS KYSRTNLTFH YRFNGDEAYD QCTNYLLQEG HTSGCLLDAE QRDDILYFSI RNGTHPVFTA SRWMVYYLKP SSPKHVRFWS HQDAVTVTCS DLSYGDLLYE VQYRSPFDTE WQSKQENTCN VTIEGLDAEK CYSFWVRVKA MEDVYGPDTY PSDWSEVTCW QRGEIRDACA ETPTPPKPKL SKHHHHHH.		
Formulation	TSLPR protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Thymic Stromal Lymphopoietin Receptor (TSLPR) is a member of the type I cytokine receptor family. TSLPR alongside the interleukin 7 receptor (IL7R) activate STAT3, STAT5, and JAK2 pathways, which is regulated processes such as cell proliferation and development of the hematopoietic system. Two transcript variants encoding dissimilar isoforms have been found for this gene. TSLPR is expressed in heart, skeletal muscle, kidney and adult and fetal liver.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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TSLPR Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 218 amino acids (23-231) and having a molecular mass of 25.2kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). TSLPR is fused to a 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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