

32-6585: TSLPR Human, Sf9

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

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.

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.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : TSLPR protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : ADPQGGAEG VQIQIYFNL ETVQVTWNAS KYSRTNLTFFH YRFNGDEAYD QCTNYLLQEG HTSGCLLDAE QRDDILYFSI RNGTHPVFTA SRWMVYYLKP SSPKHVRFSW HQDAVTVTCS DLSYGDLLYE VQYRSPFDTE WQSKQENTCN VTIEGLDAEK CYSFVVRVKA MEDVYGPDTY PSDWSEVTCW QRGEIRDACA ETPTPPKPKL SKHHHHHH.