

## 32-6429: IL5RA Mouse

**Alternative Name :** Interleukin-5 receptor subunit alpha, IL-5 receptor subunit alpha, IL-5R subunit alpha, IL-5R-alpha, IL-5RA, CD125.

### Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Interleukin-5 receptor subunit alpha (IL5ra) regulates the development and function of eosinophils. The IL5ra protein is a therapeutic target for hypereosinophilic diseases including allergic inflammations and asthma. Oct2 enhances antibody-secreting cell differentiation via regulation of IL5ra chain expression on activated B cells.

IL5RA Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 330 amino acids (18-339a.a.) and having a molecular mass of 37.8kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). IL5RA is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** IL5RA protein solution (0.5mg/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 :** DLLNHKKFLL LPPVNFTIKA TGLAQVLLHW DPNPDQEQRH VDLEYHVKIN APQEDEYDTR KTESKCVTPL HEGFAASVRT ILKSSHTTLA SSWVSAELKA PPGSPGTSVT NLTCTHTTVV SSHTHLRPYQ VSLRCTLVLG KDAPEDTQYF LYYRFGVLTE KCQEYSRDAL NRNTACWFPR TFINSKGFEQ LAVHINGSSK RAAIKPFDQL FSPLAIDQVN PPRNVTVEIE SNSLYIQWEK PLSAFPDHCF NYELKIYNTK NGHIQKEKLI ANKFISKIDD VSTYSIQVRA AVSSPCRMFG RWGEWSQPIY VGKERKSLVE WHLEHHHHHH.