

## 32-6428: IL5RA Human

**Alternative Name :** Interleukin 5 Receptor Subunit Alpha, Interleukin 5 Receptor, Alpha, IL-5 Receptor Subunit Alpha, IL-5R Subunit Alpha, CD125 Antigen, CDw125, IL5R, Interleukin-5 Receptor Subunit Alpha, Interleukin-5 Receptor Alpha Chain, Interleukin 5 Receptor Type 3, IL-5R-Alpha, HSIL5R3, IL-5RA, CD125, Interleukin-5 receptor subunit alpha, IL-5 receptor subunit alpha, IL-5R subunit alpha, IL-5R-alpha, IL-5RA.

### 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 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 331 amino acids (21-342a.a.) and having a molecular mass of 37.8kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). IL5RA is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

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

**Content :** IL5RA protein solution (0.5mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

**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 :** ADPDLLPDEK ISLLPPVNFT IKVTGLAQVL LQWKPNPDQE QRNVNLEYQV KINAPKEDDY ETRITESKCV  
TILHKGFSAS VRTILQNDHS LLASSWASAE LHAPPGSPGT SIVNLTCTTN TTEDNYSRLR SYQVSLHCTW  
LVGTDAPEDT QYFLYYRYGS WTEECQEYSK DTLGRNIACW FPRTFILSKG RDWLAVLVNG SSKHSAIRPF  
DQLFALHAID QINPPLNVTA EIEGTRLSIQ WEKPVSAFPI HCFDYEYKIH NTRNGYLQIE KLMTNAFISI  
IDDLISKYDVQ VRAAVSSMCR EAGLWSEWSQ PIYVGNDDEHK PLREWHHHHH H.