

Il5ra, 18-339aa, Mouse, His tag, Baculovirus

Cat.NO.: TP02645

3th Edition

Synonyms: Interleukin-5 receptor subunit alpha, Il5ra, CD125, CDw125, Il5r

Description: Il5ra, also known as interleukin-5 receptor subunit alpha, is known to regulate the development and function of eosinophils. This protein is a therapeutic target for hypereosinophilic diseases including allergic inflammations and asthma. Oct2 enhances antibody-secreting cell differentiation through regulation of IL-5 receptor alpha chain expression on activated B cells. Recombinant mouse Il5ra, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 37.8kDa (330aa), 40-57KDa (SDS-PAGE under reducing conditions.)

Sequences:

DLLNHKKFLLLPPVNFTIKATGLAQVLLHWDPNPDQEQRHVDLEYHVKINAPQEDEYDTRKTESKCVTPLHEGFAAS
VRTILKSSHTTLASSWVSAELKAPPGSPGTSVTNLCTTHTTVVSSHHLRPYQVSLRCTWLVGKDAPEDTQYFLYY
RFGVLTEKCQEYSRDALNRNTACWFPRTFINSKGFEQLAVHINGSSKRAAIKPFQDLFSPLAIDQVNPPRNVTVIEIES
NSLYIQWEKPLSAFPDHCFFNYELKIYNTKNGHIQKEKLIANKFISKIDDVSTYSIQVRAAVSSPCRMPPGRWGEWSQPI
YVGKERKSLVEWHLEHHHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.