

32-17610: Recombinant Human IL5RA Protein, hFc Tag

Uniprot ID : Q01344

Alternative Name : IL5Ra,CD125,IL-5 R alpha

Description

Molecular Characterization: IL5RA(Asp21-Pro338) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 62.3 kDa after removal of the signal peptide. The apparent molecular mass of IL5RA-hFc is approximately 70-100 kDa due to glycosylation.

Description: Recombinant human L5RA protein with C-terminal human Fc tag

The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.