

32-6450: IL13RA1 Human

Alternative Name : CD213A1, IL-13Ra, NR404235, Interleukin-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, Cancer/testis antigen 19.

Description

Source: E.coli.

Sterile Filtered colorless solution.

Interleukin-13 receptor subunit alpha-1 (IL13RA1) is a subunit of the interleukin 13 receptor. The IL13RA1 subunit forms a receptor complex with IL4 receptor alpha, which is a subunit shared by IL13 and IL4 receptors. IL13RA1 binds tyrosine kinase TYK2, and thus may mediate the signaling processes which leads to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. IL13RA1 is vital for allergen-induced airway hyperactivity and mucus hypersecretion.

IL13RA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 328 amino acids (22-343 a.a) and having a molecular mass of 37.7kDa (Migrates at 40-57kDa on SDSA-PAGE under reducing conditions).IL13RA1 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90% as determined by SDS-PAGE.

Content : IL13RA1 protein solution (0.5mg/ml) in Phosphate buffer 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 : GGGGAAPTET QPPVTNLSVS VENLCTVIWT WNPPEGASSN CSLWYFSHFG DKQDKKIAPE TRRSIEVPLN ERICLVGVSQ CSTNESEKPS ILVEKCISPP EGDPEAVTE LQCIWHNLSY MKCSWLPGRN TSPDTNYTLY YWHRSLLEKIHCENIFREGQ YFGCSFDLTK VKDSSFEQHS VQIMVKDNAG KIKPSFNIVP LTSRVKPDPP HIKNLSFHND DLYVQWENPQ NFISRCLFYE VEVNNSQTET HNVFYVQEAKECENPEFERNV ENTSCFMVPG VLPDTLNTVR IRVKTNKLCY EDDKLWSNWS QEMSIGKKRN STHHHHHH.