9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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IL13RA1 Human

Interleukin 13 Receptor Alpha 1 Human Recombinant
CYK0369

Product Overview

Name	IL13RA1 Human
Description	
Interleukin 13 Receptor Alpha 1 Human Recombinant	
Accession (Primary)	P78552
Synonyms	
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
IL13RA1 protein solution (0.5mg/ml) in Phosphate buffer saline (pH 7.4).	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
GGGGAAPTET QPPVTNLSVS VENLCTVIWT WNPPEGASSN CSLWYFSHFG DKQDKKIAPE TRRSIEVPLN ERICLQVGSQ CSTNESEKPS ILVEKCISPP EGDPESAVTE LQCIWHNLSY MKCSWLPGRN TSPDTNYTLY YWHRSLEKIH QCENIFREGQ YFGCSFDLTK VKDSSFEQHS VQIMVKDNAG KIKPSFNIVP LTSRVKPDPP	

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HIKNLSFHND DLYVQWENPQ NFISRCLFYE VEVNNSQTET HNVFYVQEAK CENPEFERNV ENTSCFMVPG VLPDTLNTVR IRVKTNKLCY EDDKLWSNWS QEMSIGKKRN ST HHHHHH .

Precautions

IL13RA1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P78552)