

IL13RA1 (Human) Recombinant Protein

Catalog # P8343

Size 2 x 10 ug

Specification

Product Description	Human IL13RA1 (P78552, 22 a.a. - 343 a.a.) partial recombinant protein with His tag at C-terminus expressed in <i>Escherichia coli</i> .
Sequence	GGGGAAPTETQPPVTNLSVSVENLCTVIWTWNPPEGASSNCSLWYFSHFSDKQDKKIAPETRRS IEVPLNERICLQVGSQCSTNESEKPSILVEKCISPPEGDPESAVTELQCWHNLSYMKCSWLPGRN TSPDTNYTLYYWHRSLKIHQCENIFREGQYFGCSFDLTKVKDSSFEQHSVQIMVKDNAGKIKPSF NIVPLTSRVKPDPPHIKNLSFHNDLTVQWENPQNFISRCLFYEEVENNSQTETHNVFYVQEAKCE NPEFERNVENTSCFMVPGVLPDTLNTVRIRVKTNKLCEDDKLWSNWSQEMSIGKKRNSTHHHH HH
Host	Escherichia coli
Theoretical MW (kDa)	37.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — IL13RA1

Entrez GeneID	3597
Protein Accession#	P78552
Gene Name	IL13RA1
Gene Alias	CD213A1, IL-13Ra, NR4
Gene Description	interleukin 13 receptor, alpha 1
Omim ID	300119
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq]
Other Designations	CD213a1 antigen IL13 receptor alpha-1 chain OTTHUMP00000023890 bB128O4.2.1 (interleukin 13 receptor, alpha 1)

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)

- [Infant](#)
- [Pulmonary Disease](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)