

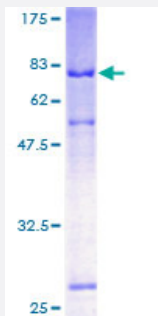
Full-Length

IL13RA1 (Human) Recombinant Protein (P01)

Catalog # H00003597-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human IL13RA1 full-length ORF (AAH15768, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MECPARLCGLWALLLCAGGGGGSGGAAPTETQPPVTNLSVSVENLCTVIWTWNPPEGASSNCS
LWYFSHFQDKQDKKIAPETRRIEVLNERICLQVGSQCSTNESEKPSILVEKCISPPEGDPESAV
TELQCIWHNLSYMKCSWLPGRNTSPDTNYTLYWHRSLKIHQCENIFREGQYFGCSFDLTKVKD
SSFEQHSVQIMVKDNAGKIKPSFNVPLTSRVKPDPPHIKNLSFHNDL YVQWENPQNFISRCLFY
EVEVNSQTETHNVFYVQEAACENPEFERNVENTSCFMVPGVLPDTLNTVRIRVKTNKLCYEDD
KLWSNWSQEMSIGKKRNSTLYTMLLVPVIVAGAIIVLLLYLRLKIIIFPIPDGPKIFKEMFGDQND
TLHWKKYDIYEKQTKETDSVVLIENTLKKASQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72.71

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IL13RA1

Entrez GeneID	3597
GeneBank Accession#	BC015768
Protein Accession#	AAH15768
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](#)