

Active Recombinant Human IL13RA1 protein, His-hFc-tagged

Cat. No. IL13RA1-763H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL13RA1 protein(NP_001551.1)(Met 1-Thr 343) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-343 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized cynomolgus IL-13 at 4 µg/ml (100 µl/well) can bind human IL13RA1-Fc with a linear ranger of 0.156-2.5 µg/ml.
Molecular Mass	The recombinant human IL13Rα1/Fc is a disulfide-linked homodimer. The reduced monomer consists of 570 amino acids and has a predicted molecular mass of 65 kDa. As a result of glycosylation, the apparent molecular mass of rh IL13Rα1/Fc monomer migrates with an apparent molecular mass of 85-95 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE

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Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001551.1
Unit ID	P78552
Unit ID-Weblink	http://www.uniprot.org/uniprot/P78552
GENE INFORMATION	
Gene Name	IL13RA1 interleukin 13 receptor, alpha 1 [Homo sapiens]
Official Symbol	IL13RA1
Synonyms	IL13RA1; interleukin 13 receptor, alpha 1; interleukin-13 receptor subunit alpha-1; CD213a1; CD213a1 antigen; IL 13Ra; IL13 receptor alpha 1 chain; NR4; CT19; IL-13RA1; IL-13R-alpha-1; IL-13R subunit alpha-1; cancer/testis antigen 19; IL13 receptor alpha-1 chain; IL-13 receptor subunit alpha-1; bB128O4.2.1 (interleukin 13 receptor, alpha 1); CD213A1; IL-13Ra;
Gene ID	3597
mRNA Refseq	NM_001560
protein Refseq	NP_001551

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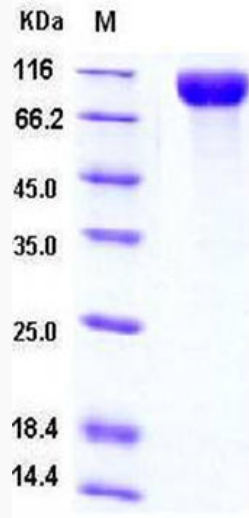
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MIM

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SDS-PAGE



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