

Active Recombinant Human IL13RA1 protein, His-Avi-tagged, Biotinylated

Cat. No. IL13RA1-0258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL13RA1 protein(Gly22-Thr343), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-343 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Biotinylated Human IL-13 R alpha 1 Protein, His,Avitag captured on Biotin CAP-Series S Sensor Chip can bind Human IL-13, His Tag with an affinity constant of 34.4 nM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 40.5 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gly22-Thr343
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.
Conjugation	Biotin
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
MIM	300119
UniProt ID	P78552

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