

Active Recombinant Human IL13RA1 protein, hFc-tagged, Low Endotoxin

Cat. No. IL13RA1-063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL13RA1 protein(P78552)(Gly22-Thr343), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-343 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Human IL-13, His Tag on Anti-His-Biosensor can bind Human IL-13Ra1, hFc Tag with an affinity constant of 40.70 nM as determined in BLI assay.
Molecular Mass	The protein has a predicted MW of 63.4 kDa. Due to glycosylation, the protein migrates to 75-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

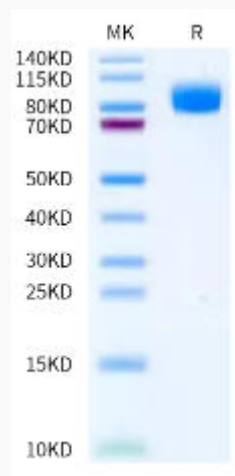
UniProt ID [P78552](#)

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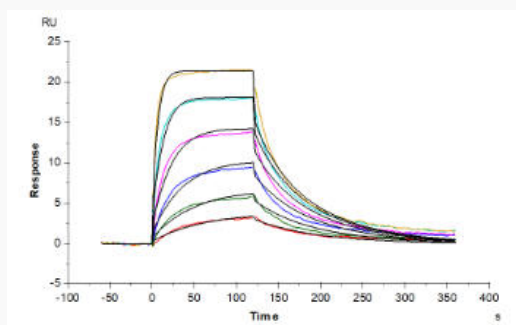
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Bis-Tris PAGE



SPR Data



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