

IL-13Ra1 recombinant protein

Biotinylated Human IL-13Ra1 Protein Recombinant

CATALOG #	HOST
AAA76211	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

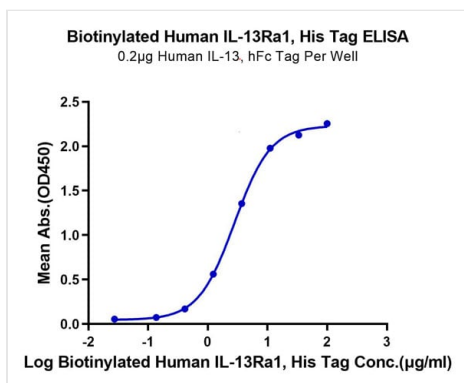
PRODUCT SYNONYMS

IL-13Ra1; Biotinylated Human IL-13Ra1 Protein Recombinant; IL-13Ra1 recombinant protein

PRODUCT SPECIFICATIONS

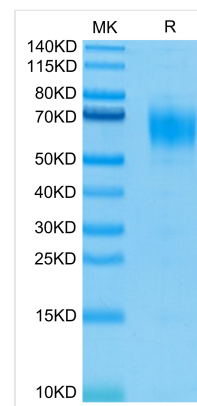
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Biotinylated Human IL13RA1 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-13Ra1 including a N-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	Lyophilized: -20°C; Reconstituted: -20°C (*)For long term storage we recommend the addition of a carrier protein at 0.1%. (*)Avoid repeated freeze/thaw cycles.

IMAGES



ELISA

Biotinylated Human IL-13Ra1 Protein ELISA Data: Immobilized Human IL-13, hFc Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human IL-13Ra1, His Tag with the EC50 of 2.8ug/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human IL-13Ra1 Protein Tris-Bis PAGE: Biotinylated Human IL-13Ra1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-13Ra1 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504647
NCBI GeneID	3597
NCBI Accession #	NP_001551.1
NCBI GenBank Nucleotide #	NM_001560.2
UniProt Accession #	P78552; P35225 IL13_HUMAN
Molecular Weight	Recombinant Human IL13RA1 is a protein consisting of amino acid residues 27-343. The protein has a predicted MW of 40 kDa. Due to glycosylation, the protein migrates to 55-75 kDa based on Tris-Bis PAGE result.
NCBI Official Full Name	interleukin-13 receptor subunit alpha-1
NCBI Official Synonym Full Names	interleukin 13 receptor, alpha 1
NCBI Official Symbol	IL13RA1
NCBI Official Synonym Symbols	NR4; CD213A1; IL-13Ra
NCBI Protein Information	interleukin-13 receptor subunit alpha-1; CT19; IL-13RA1; IL-13R-alpha-1; CD213a1 antigen; 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)
UniProt Protein Name	Interleukin-13 receptor subunit alpha-1
UniProt Gene Name	IL13RA1
UniProt Synonym Gene Names	IL13R; IL13RA; IL-13 receptor subunit alpha-1; IL-13R subunit alpha-1; IL-13R-alpha-1; IL-13RA1; CT19
UniProt Entry Name	I13R1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/il13ra1-recombinant-protein-hek293/76211>