

IGF1R/CD221 recombinant protein

Biotinylated Human IGF1R/CD221 Protein Recombinant

CATALOG #	HOST
AAA76148	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

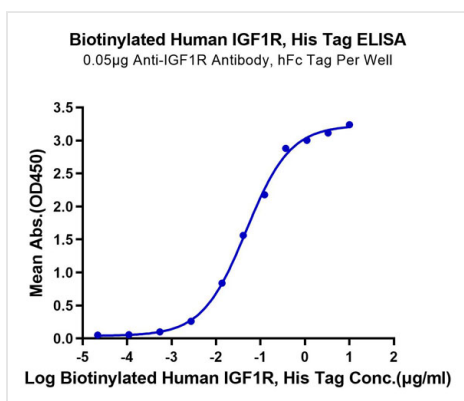
PRODUCT SYNONYMS

IGF1R/CD221; Biotinylated Human IGF1R/CD221 Protein Recombinant; IGF1R/CD221 recombinant protein

PRODUCT SPECIFICATIONS

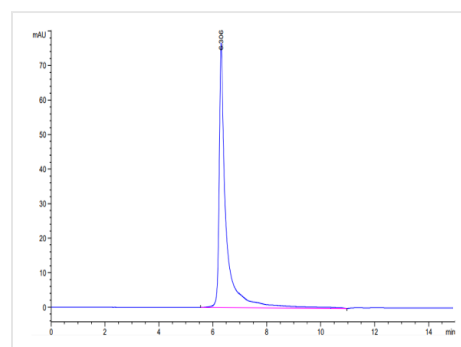
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IGF1R/CD221 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IGF1R/CD221 including a C-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).
Molecular Function	Transferase, Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human IGF1R/CD221 Protein ELISA Data: Immobilized Anti-IGF1R Antibody at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IGF1R, His Tag with the EC50 of 48.0ng/ml determined by ELISA.



Application Data

Biotinylated Human IGF1R/CD221 Protein SEC-HPLC: The purity of Biotinylated Human IGF1R is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human IGF1R/CD221 Protein Tris-Bis PAGE Biotinylated Human IGF1R on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IGF1R/CD221 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.3
UniProt Accession #	P08069; P01730 CD4_HUMAN; P05019 IGF1_HUMAN; P27986; P29353; P35570; P81122; Q14620; Q06124
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor
NCBI Official Synonym Full Names	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFI; JTK13
NCBI Protein Information	insulin-like growth factor 1 receptor; IGF-I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2; insulin-like growth factor I receptor
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_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://stage.aaabiotech.com/igf1r-recombinant-protein-hek293-cells/76148>