

FGF21 recombinant protein

Biotinylated Human FGF21 Protein Recombinant

CATALOG #	HOST
AAA76227	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

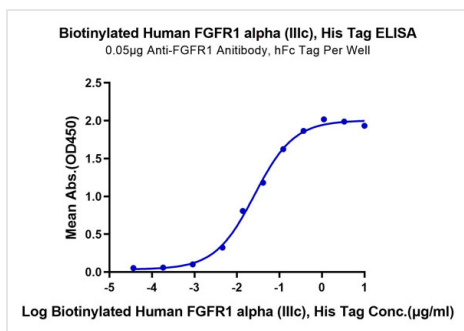
PRODUCT SYNONYMS

FGF21; Biotinylated Human FGF21 Protein Recombinant; FGF21 recombinant protein

PRODUCT SPECIFICATIONS

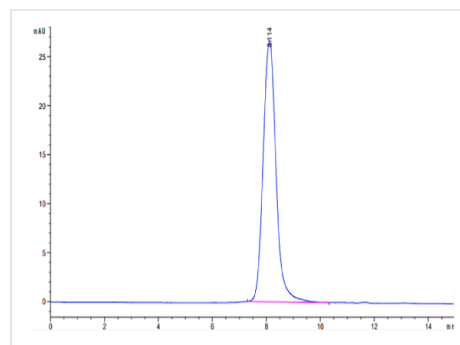
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human FGF21 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human FGF21 including a N-mFc-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	Growth-factor
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



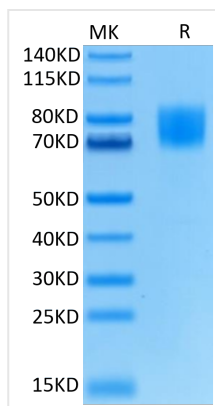
ELISA

Biotinylated Human FGFR1 alpha (IIIc) Protein ELISA Data: Immobilized Anti-FGFR1 Antibody, hFc Tag at 0.5 µg/ml (100 µl/Well) on the plate. Dose response curve for Biotinylated Human FGFR1 alpha (IIIc), His Tag with the EC50 of 25.9 ng/ml determined by ELISA.



Application Data

Biotinylated Human FGFR1 alpha (IIIc) Protein SEC-HPLC: The purity of Biotinylated Human FGFR1 alpha (IIIc) is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human FGFR1 alpha (IIIc) Protein Tris-Bis PAGE Biotinylated Human FGFR1 alpha (IIIc) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for FGF21 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506597
NCBI GeneID	26291
NCBI Accession #	NP_061986.1
NCBI GenBank Nucleotide #	NM_019113.2
UniProt Accession #	Q9NSA1; Q8N683
Molecular Weight	22,300 Da
NCBI Official Full Name	fibroblast growth factor 21
NCBI Official Synonym Full Names	fibroblast growth factor 21
NCBI Official Symbol	FGF21
NCBI Protein Information	fibroblast growth factor 21; FGF-21
UniProt Protein Name	Fibroblast growth factor 21
UniProt Gene Name	FGF21
UniProt Synonym Gene Names	FGF-21
UniProt Entry Name	FGF21_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/fgf21-recombinant-protein-hek293-cells/76227>