

GDF15 recombinant protein

Biotinylated Mouse GDF15 Protein Recombinant

CATALOG #	HOST
AAA76319	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

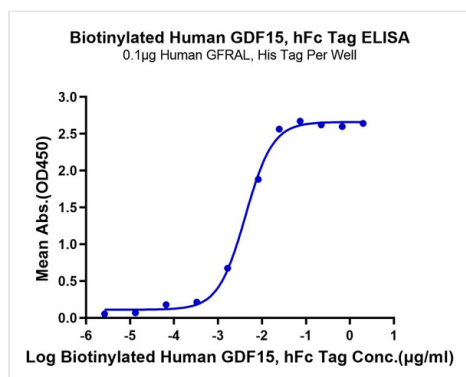
PRODUCT SYNONYMS

GDF15; Biotinylated Mouse GDF15 Protein Recombinant; GDF15 recombinant protein

PRODUCT SPECIFICATIONS

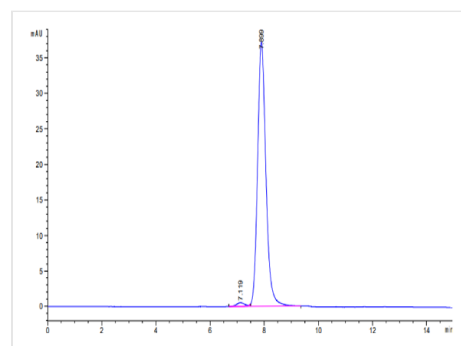
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Mouses GDF15 (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Mouses GDF15 (Primary Amine Labeling) including a N-hFc 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	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



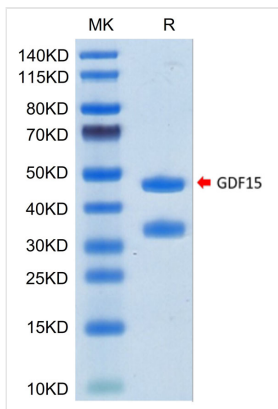
ELISA

Biotinylated Human GDF15 Protein (Primary Amine Labeling) ELISA Data: Immobilized Human GFRAL, His Tag at 1 µg/ml (100 µl/Well) on the plate. Dose response curve for Biotinylated Human GDF15, hFc Tag with the EC50 of 4.2 ng/ml determined by ELISA.



Application Data

Biotinylated Human GDF15 Protein (Primary Amine Labeling) SEC-HPLC: The purity of Biotinylated Human GDF15 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human GDF15 Protein (Primary Amine Labeling) Tris-Bis PAGE Biotinylated Human GDF15 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for GDF15 recombinant protein	Biotinylated proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170784848
NCBI GeneID	23886
NCBI Accession #	NP_035949.2
NCBI GenBank Nucleotide #	NM_011819.2
UniProt Accession #	Q9Z0J7; Q6NX63
NCBI Official Full Name	growth/differentiation factor 15
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	Gdf15
NCBI Official Synonym Symbols	SBF; MIC-1; NAG-1
NCBI Protein Information	growth/differentiation factor 15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Gene Name	Gdf15
UniProt Synonym Gene Names	Sbf; GDF-15
UniProt Entry Name	GDF15_MOUSE

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/gdf15-recombinant-protein-hek293-cells/76319>