

GFRAL/GFR alpha-like Recombinant Protein | GFRAL recombinant protein

Biotinylated Mouse GFRAL/GFR alpha-like Protein Recombinant

CATALOG #	HOST
AAA76242	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

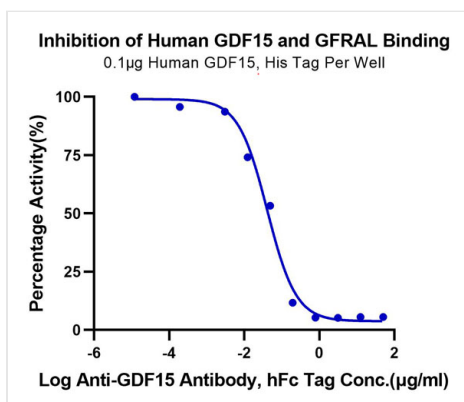
PRODUCT SYNONYMS

GFRAL/GFR alpha-like; Biotinylated Mouse GFRAL/GFR alpha-like Protein Recombinant; GFRAL recombinant protein

PRODUCT SPECIFICATIONS

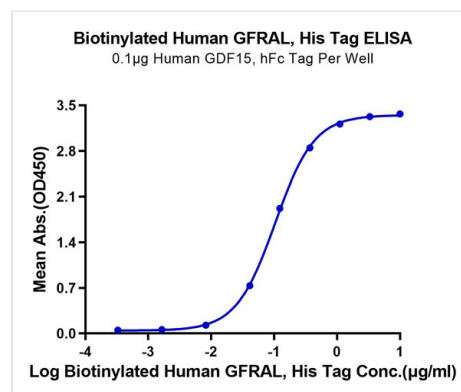
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Mouse GFRAL/GFR alpha-like was lyophilized from 0.2 um filtered PBS solution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



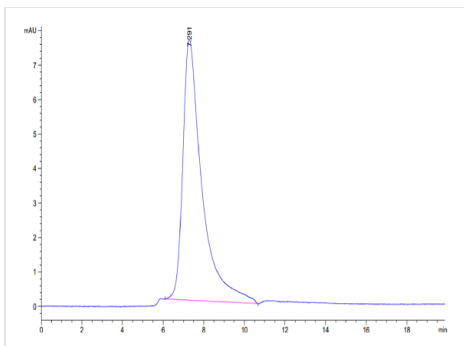
Application Data

Biotinylated Human GFRAL/GFR alpha-like Protein Blocking Data: Serial dilutions of Anti-GDF15 Antibody were added into Human GDF15, His Tag : Biotinylated Human GFRAL, His Tag binding reactions. The half maximal inhibitory concentration (IC50) is 40.8ng/ml.



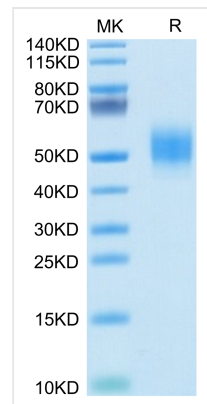
ELISA

Biotinylated Human GFRAL/GFR alpha-like Protein ELISA Data: Immobilized Human GDF15, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human GFRAL, His Tag with the EC50 of 0.1µg/ml determined by ELISA.



Application Data

Biotinylated Human GFRAL/GFR alpha-like Protein SEC-HPLC The purity of Biotinylated Human GFRAL is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human GFRAL/GFR alpha-like Protein Tris-Bis PAGE Biotinylated Human GFRAL on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for GFRAL recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762515
NCBI GeneID	404194
NCBI Accession #	NP_995316.2
NCBI GenBank Nucleotide #	NM_205844.3
UniProt Accession #	Q6SJE0 ; Q6SJD9
Molecular Weight	43,964 Da
NCBI Official Full Name	GNDF family receptor alpha-like
NCBI Official Synonym Full Names	GNDF family receptor alpha like
NCBI Official Symbol	Gfral
NCBI Official Synonym Symbols	Gral; AY457637
NCBI Protein Information	GNDF family receptor alpha-like; GDNF receptor alpha-like
UniProt Protein Name	GNDF family receptor alpha-like
UniProt Gene Name	Gfral
UniProt Synonym Gene Names	Gral
UniProt Entry Name	GFRAL_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://stage.aaabiotech.com/gfral-recombinant-protein-hek293-cells/76242>