Recombinant Human GFRAL Protein, Ser19-Glu351, C-His-Avi tagged, Biotinylated

Cat. No. GFRAL-103H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GFRAL/GFR alpha-like-C-His-Avi protein was developed from HEK293 and has a target region of C-His-Avi.
Species	Human
Source	HEK293
ProteinLength	Ser19-Glu351
Description	Enables glial cell-derived neurotrophic factor receptor activity and receptor tyrosine kinase binding activity. Involved in glial cell-derived neurotrophic factor receptor signaling pathway; positive regulation of MAPK cascade; and positive regulation of protein kinase B signaling. Located in external side of plasma membrane.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.

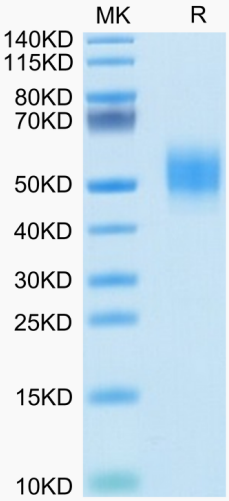
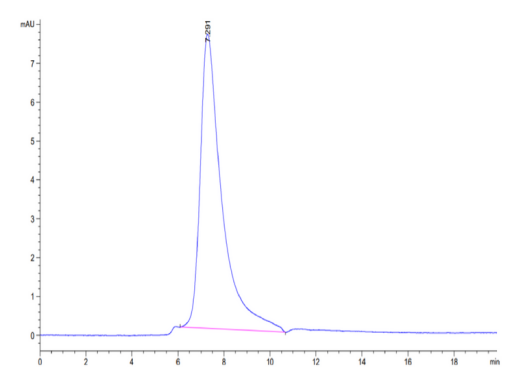
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Storage Buffer	Lyophilised from 0.2 μm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

Gene Name	GFRAL GDNF family receptor alpha like [Homo sapiens (human)]
Official Symbol	GFRAL
Synonyms	GFRAL; GDNF family receptor alpha like; C6orf144, chromosome 6 open reading frame 144; GDNF family receptor alpha-like; bA360D14.1; GRAL; UNQ9356; IVFI9356; C6orf144;
Gene ID	389400
mRNA Refseq	NM_207410
Protein Refseq	NP_997293
MIM	617837
UniProt ID	Q6UXV0

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Biotinylated Human GFRAL on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.	
The purity of Biotinylated Human GFRAL is greater than 95% as determined by SEC-HPLC.	
Immobilized Human GDF15, His Tag at l μg/mL (100 μL/Well) on the plate. Dose response curve for Biotinylated Human GFRAL, His Tag with	

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the EC50 of 0.1 μg/mL determined by ELISA.	
Serial dilutions of Anti-GDF15 Antibody were added into Human GDF15, His Tag: Biotinylated Human GFRAL, His Tag binding reactioins. The half maximal inhibitiory concentration (IC50) is 40.8 ng/mL.	

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