

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

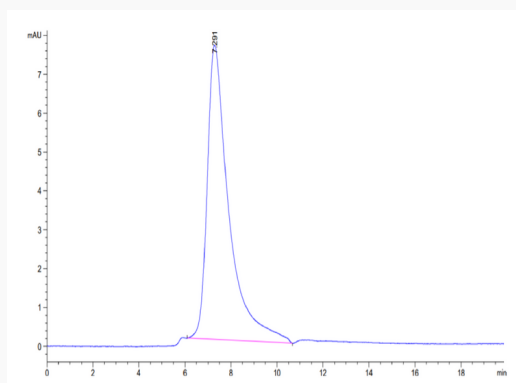
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Human GFRAL, His Tag with

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

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
reactions. The half
maximal inhibitory
concentration (IC₅₀)
is 40.8 ng/mL.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA