

Recombinant Human GFRAL protein, His-Avi-tagged

Cat. No. GFRAL-6875H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRAL protein(Q6UXV0)(Ser19-Glu351), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser19-Glu351
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GFRAL, His Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for Human GDF15, hFc Tag with the EC50 of 2.4 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.7 kDa. Due to glycosylation, the protein migrates to 48-62 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

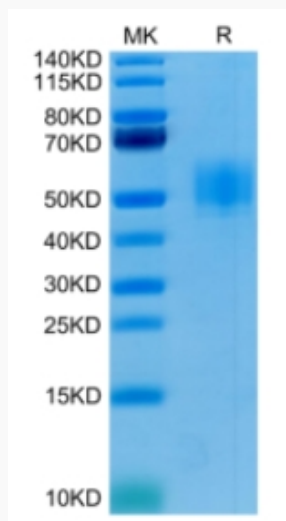
 Tel: 1-631-559-9269 1-516-512-3133

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

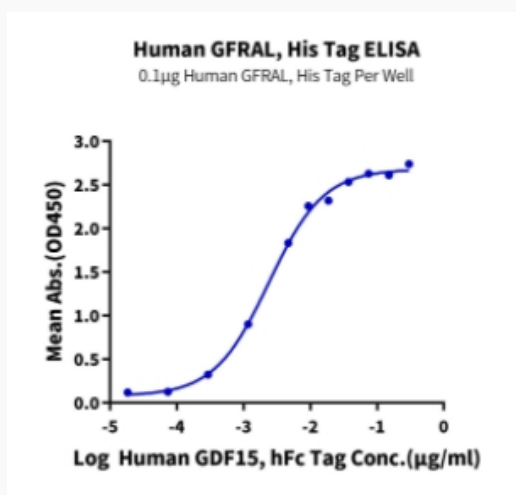
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	GFRAL GDNF family receptor alpha like [Homo sapiens]
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
UniProt ID	Q6UXV0

Tris-Bis PAGE



ELISA Data



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