

Recombinant Human GFRAL protein, hFc-tagged

Cat. No. GFRAL-5733H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRAL protein(Q6UXV0)(Ser19-Glu351), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser19-Glu351
Tag	C-hFc
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 GDF15, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Human GFRAL, hFc Tag with the EC50 of 11.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 64.6 kDa. Due to glycosylation, the protein migrates to 70-80 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

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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

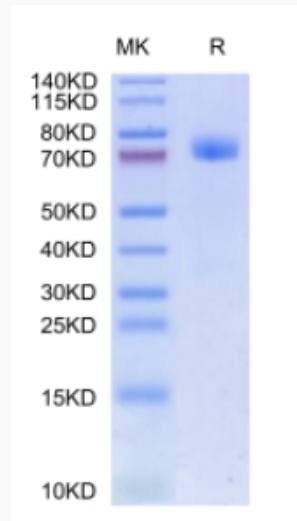
UniProt ID Q6UXV0

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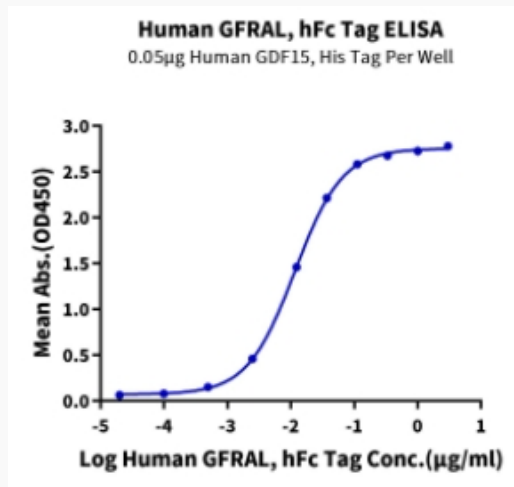
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Tris-Bis PAGE



ELISA Data



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