

Recombinant Mouse Gfral protein, His-Avi-tagged

Cat. No. Gfral-060M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gfral protein(Q6SJE0-1)(Gln20-Glu350), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln20-Glu350
Tag	N-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 Mouse GFRAL, His Tag at 2 ug/ml (100 ul/well) on the plate. Dose response curve for Mouse GDF15, hFc Tag with the EC50 of 3.0 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.1 kDa. Due to glycosylation, the protein migrates to 48-60 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 [Mus musculus]
Official Symbol	Gfral
Synonyms	GFRAL; GDNF family receptor alpha like; GDNF family receptor alpha-like; GDNF receptor alpha-like; Gral; AY457637;
Gene ID	404194
mRNA Refseq	NM_205844
Protein Refseq	NP_995316

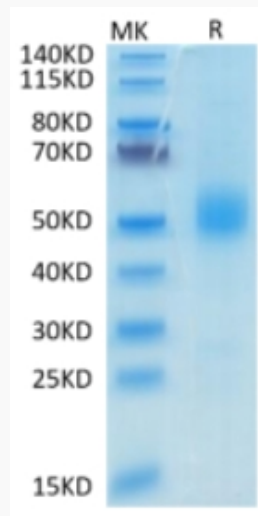
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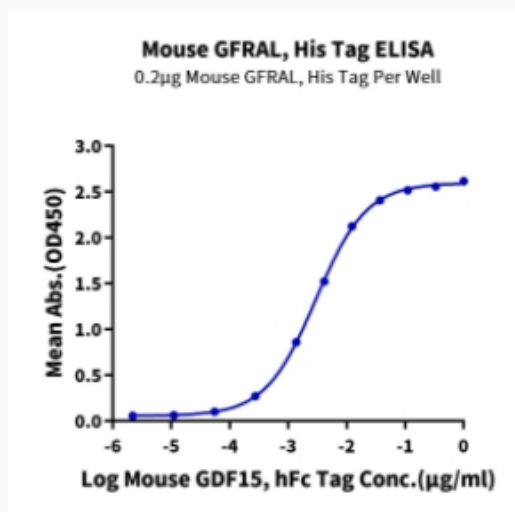
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Tris-Bis PAGE



ELISA Data



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