

Recombinant Mouse Gdf15 protein, hFc-tagged

Cat. No. Gdf15-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gdf15 protein(Q9Z0J7)(Ser189-Ala303), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ser189-Ala303
Tag	N-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 Mouse GFRAL, His Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Mouse GDF15, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 37.9 kDa. Due to glycosylation, the protein migrates to 40-50 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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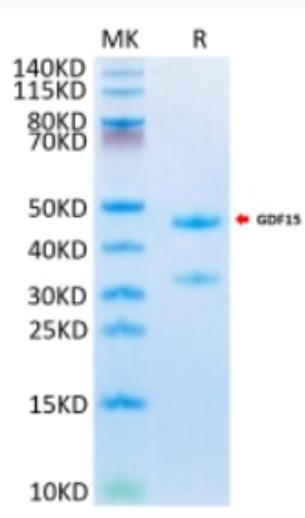
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	Gdf15 growth differentiation factor 15 [Mus musculus]
Official Symbol	Gdf15
Synonyms	GDF15; growth differentiation factor 15; growth/differentiation factor 15; GDF-15; macrophage inhibiting cytokine-1; SBF; MIC-1; NAG-1;
Gene ID	23886
mRNA Refseq	NM_011819
Protein Refseq	NP_035949

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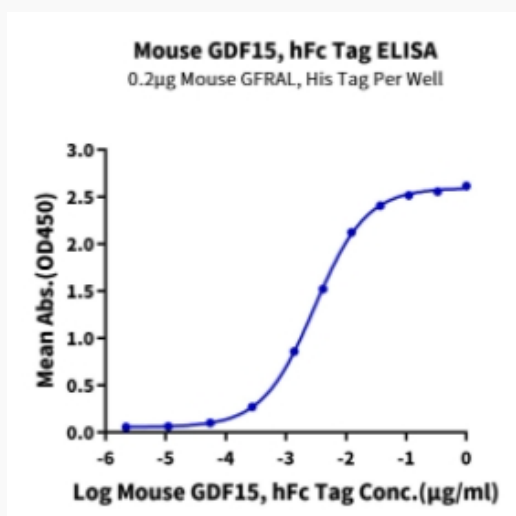
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Tris-Bis PAGE



ELISA Data



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