

## Active Recombinant Mouse Gfral Protein, Fc-tagged

Cat. No. GFRAL-6321M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse GFRAL (aa 20-349) fused to the N-terminus of the Fc region of mouse IgG2a was expressed in HEK 293 cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-349 a.a.
<b>Description</b>	GFRAL (GDNF receptor $\alpha$ -like) is a distant member of the GDNFR family of proteins. Mouse GFR $\alpha$ -like contains a 330aa extracellular domain. It is expressed on hindbrain neurons of the CNS and functions as an anti-apoptotic molecule during neuronal stress. GFRAL is a functional receptor for GDF15, facilitating weight-loss functions of the protein through c-Ret downstream signaling. GFRAL and GDF15 signaling is implicated in diet-based obesity and insulin resistance.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA.
<b>Endotoxin</b>	<0.06 EU/ $\mu$ g purified protein.
<b>Purity</b>	$\geq$ 98% (SDS-PAGE)
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade. Avoid freeze/thaw cycles.

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<b>Storage</b>	Short term storage at +4 centigrade, long term storage at -20 centigrade.
<b>Storage Buffer</b>	Lyophilized from 0.2 µm-filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS.
<b>Shipping</b>	BLUE ICE

## GENE INFORMATION

<b>Gene Name</b>	Gfral GDNF family receptor alpha like [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	<a href="#">Gfral</a>
<b>Synonyms</b>	Gfral; GDNF family receptor alpha like; Gral; AY457637; GDNF family receptor alpha-like; GDNF receptor alpha-like
<b>Gene ID</b>	<a href="#">404194</a>
<b>mRNA Refseq</b>	<a href="#">NM_205844</a>
<b>Protein Refseq</b>	<a href="#">NP_995316</a>
<b>UniProt ID</b>	<a href="#">Q6SJE0</a>

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