

Active Recombinant Mouse Gfral Protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	20-349 a.a.
Description	GFRAL (GDNF receptor α -like) is a distant member of the GDNFR family of proteins. Mouse GFR α -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.
Bio-activity	Measured by its binding ability in a functional ELISA.
Endotoxin	<0.06 EU/ μ g purified protein.
Purity	$\geq$ 98% (SDS-PAGE)
Stability	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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Storage	Short term storage at +4 centigrade, long term storage at -20 centigrade.
Storage Buffer	Lyophilized from 0.2 µm-filtered solution in PBS.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.
Shipping	BLUE ICE

GENE INFORMATION

Gene Name	Gfral GDNF family receptor alpha like [Mus musculus (house mouse)]
Official Symbol	Gfral
Synonyms	Gfral; GDNF family receptor alpha like; Gral; AY457637; GDNF family receptor alpha-like; GDNF receptor alpha-like
Gene ID	404194
mRNA Refseq	NM_205844
Protein Refseq	NP_995316
UniProt ID	Q6SJE0

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