

## Recombinant Human GFRAL Protein, His-tagged

Cat. No. GFRAL-22H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human GDNF family receptor alpha like (GFRAL), with C-terminal His tag, secretory expressed in Sf9 cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses. Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.
<b>Molecular Mass</b>	37.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Storage</b>	Store at -80 centigrade after receiving vials. Stable for at least 3 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	50 mM Tris.HCl, pH 8.0, 150 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	GFRAL GDNF family receptor alpha like [ Homo sapiens (human) ]
<b>Official Symbol</b>	GFRAL
<b>Synonyms</b>	GFRAL; GDNF family receptor alpha like; GRAL; UNQ9356; C6orf144; bA360D14.1; GDNF family receptor alpha-like; IVFI9356
<b>Gene ID</b>	389400
<b>mRNA Refseq</b>	NM_207410
<b>Protein Refseq</b>	NP_997293
<b>MIM</b>	617837
<b>UniProt ID</b>	Q6UXV0



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