

Product datasheet for **TP710385**

GFRAL (NM_207410) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human GDNF family receptor alpha like (GFRAL), with C-terminal His tag, secretory expressed in Sf9 cells, 20ug
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC213001, encoding the region (19Ser-351Glu) of GFRAL.
Tag:	C-His
Predicted MW:	37.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, 150 mM glycine, pH 8.0, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_997293
Locus ID:	389400
UniProt ID:	Q6UXV0
RefSeq Size:	1911
Cytogenetics:	6p12.1
RefSeq ORF:	1182
Synonyms:	bA360D14.1; C6orf144; GRAL; UNQ9356



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Summary:

Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099). Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome, Transmembrane

Product images: