

Active Recombinant Human GFRA2 protein, Fc-tagged

Cat. No. GFRA2-1525H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRA2 protein(Ser19-Glu351), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-351 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5.
Bio-activity	Immobilized Human GDF-15, His Tag at 1 µg/mL (100 µL/well) can bind Human GFR alpha-like, Fc Tag with a linear range of 0.4-25 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 64.2 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser19-Glu351
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name GFRA2 GDNF family receptor alpha 2 [Homo sapiens]

Official Symbol GFRA2

Synonyms GFRA2; GDNF family receptor alpha 2; GDNF family receptor alpha-2; GDNFRB; NTNRA; RETL2; TRNR2; GDNFR-beta; NTNR-alpha; GFR-alpha 2; RET ligand 2; GDNFR-alpha-2; GDNF receptor beta; neurturin receptor alpha; TRN receptor, GPI-anchored; PI-linked cell-surface accessory protein; TGF-beta-related neurotrophic factor receptor 2; glial cell line derived neurotrophic factor receptor, beta; NRTNR-ALPHA;

Gene ID 2675

mRNA Refseq NM_001165038

Protein Refseq NP_001158510

MIM 601956

UniProt ID O00451

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