

Active Recombinant Human GFRA2 protein, His-tagged

Cat. No. GFRA2-2702H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDNFR-alpha-2/GFRA2 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ser22-Ser441) of human GFRA2/GFR α 2/GDNFRB (Accession #NP_001486.4) fused with a 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ser22-Ser441
Form	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human Neurturin at 5 μ g/mL (100 μ L/well) can bind recombinant Human GFRA2, the EC50 of Human GFRA2 is 1.82 μ g/mL.
Molecular Mass	70-75 kDa
Endotoxin	< 0.1 EU/ μ g of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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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