

Active Recombinant Human GFRA1 protein, hFc-tagged

Cat. No. GFRA1-3162H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRA1 protein(NP_001138925.1)(Met1-Ser424), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser424
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5% - 8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human GFRA1-Fc at 10 µg/mL (100 µL/well) can bind GDNF/Biotin, the EC50 of human GDNF/Biotin is 20-50 ng/mL.
Molecular Mass	The recombinant human GFRA1 consists of 458 amino acids and predicts a molecular mass of 50.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 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

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 [GFRA1 GDNF family receptor alpha 1 \[Homo sapiens \]](#)

Official Symbol [GFRA1](#)

Synonyms

GFRA1; GDNF family receptor alpha 1; GDNFRA; GDNF family receptor alpha-1; GDNFR; GFR ALPHA 1; RET1L; RETL1; TRNR1; RET ligand 1; GDNFR-alpha-1; GDNF receptor alpha-1; GPI-linked anchor protein; PI-linked cell-surface accessory protein; TGF-beta related neurotrophic factor receptor 1; TGF-beta-related neurotrophic factor receptor 1; Glial cell line-derived neurotrophic factor receptor alpha; GFR-ALPHA-1; FLJ10561; FLJ31546; MGC23045; DKFZp313E1012; DKFZp686J0156;

Gene ID [2674](#)

mRNA Refseq [NM_001145453](#)

Protein Refseq [NP_001138925](#)

MIM [601496](#)

UniProt ID [P56159](#)

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