

Active Recombinant Human GFRA1 Protein, Fc Chimera

Cat. No. GFRA1-832H Lot. No. (See product label)

SPECIFICATION

| | |
|-----------------------------|---|
| Product Overview | Recombinant Human GFRA1 (Accession # NP_665736), fused with , was produced in Mouse myeloma cell line, NS0-derived. |
| Species | Human |
| Source | Mammalian Cells |
| Predicted N Terminal | Ala19 |
| Form | Lyophilized from a 0.2 µ filtered solution in PBS. |
| Bio-activity | Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human GDNF at 1 µg/mL binds Recombinant Human GFR alpha -1/GDNF R alpha -1 Fc Chimera with an apparent Kd <2 nM. |
| Molecular Mass | Recombinant Human GFRA1, Fc Chimera has a calculated MW of 73.3 kDa (monomer). In SDS-PAGE migrates as 88-95 kDa, reducing conditions. |
| Purity | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |
| Reconstitution | Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine |

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serum albumin.

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

Chromosome Location 10q25-q26

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