

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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