

Active Recombinant Human GFRA1 protein, His-tagged

Cat. No. GFRA1-80H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRA1 protein(Asp25-Ile426), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-426 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human GDNF Protein at 5µg/mL (100 µL/well) can bind Recombinant Human GFRA1 with a linear range of 1-65.9 ng/mL.
Molecular Mass	45.74 KDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

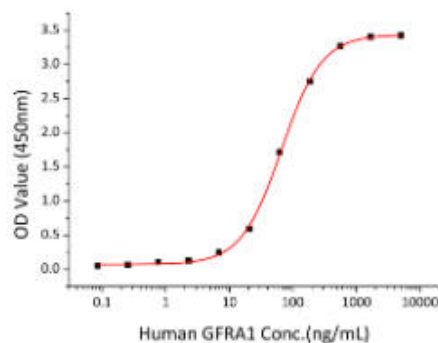
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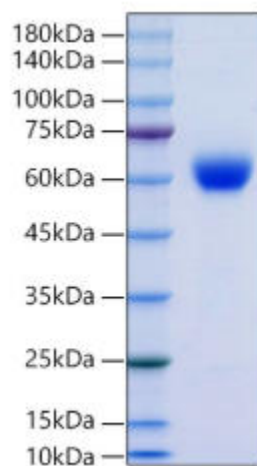
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Activity



SDS-PAGE



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