

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/GFRα2/GDNFRB (Accession #NP_001486.4) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ser22-Ser441
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human Neurturin at 5 μg/mL (100 μL/well) can bind recombinant Human GFRA2, the EC50 of Human GFRA2 is 1.82 μg/mL.
Molecular Mass	70-75 kDa
Endotoxin	< 0.1 EU/μg 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

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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

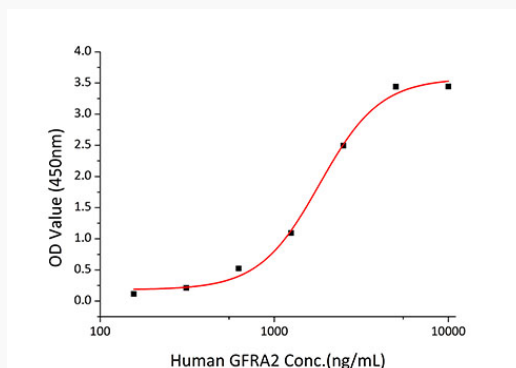
UniProt ID O00451

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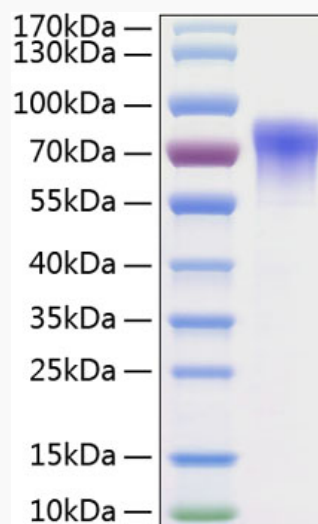
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Bio-activity



SDS-PAGE



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