Active Recombinant Human GFRA1 protein, hFc&His-tagged

Cat. No. GFRA1-2633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDNFR-alpha-1/GFRA1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala19-Lys429) of human GFRA1/GFRα1/GDNFRA (Accession #NP_665736) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ala19-Lys429
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 Human GDNF at 1 μg/mL (100 μL/well) can bind Human GFRA1 with a linear range of 2-332 ng/mL.
Molecular Mass	100 kDa
Endotoxin	< 1.0 EU/μg of the protein by LAL method.
Purity	> 80% 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 up to 1 week.

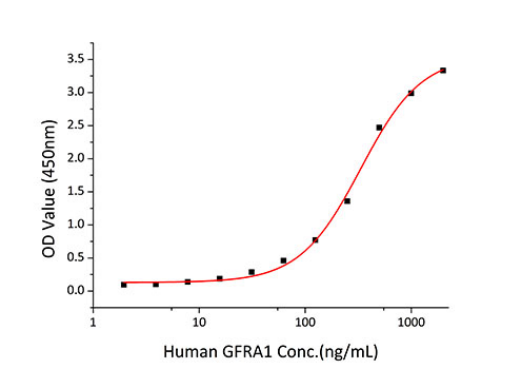
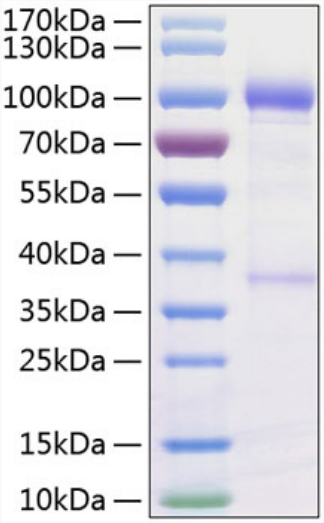
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Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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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Bio-activity	
SDS-PAGE	

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