

## Active Recombinant Human GFRA2 protein, His-tagged

Cat. No. GFRA2-1529H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GFRA2 protein(Ser19-Glu351), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-351 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	Immobilized Human GDF-15, Fc Tag at 5 µg/mL (100 µL/well) can bind Human GFR alpha-like, His Tag with a linear range of 0.02-0.313 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 39.7 kDa. The protein migrates as 45-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Ser19-Glu351
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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; NTN- $\alpha$ ; 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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