

Recombinant Human GFRA2 protein, His-tagged

Cat. No. GFRA2-2169H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRA2 protein(22-441 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-441 aa
Tag	C-His
Form	Liquid in sterile PBS, pH7.4.
Molecular Mass	The recombinant human GFR α 2 consists of 431 amino acids after removal of the signal peptide and predicts a molecular mass of 48.2 kDa. As a result of glycosylation, the apparent molecular mass of rhGFR α 2 is approximately 60-70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	<1.0EU per 1 μ g (determined by the LAL method).
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	1.0 mg/ml.
Reconstitution	Centrifuge the vial at 4°C before opening to recover the entire contents.
AA Sequence	<p>SPSSLQGPELHGWRPPVDCVRANELCAAESNCSSRYRTLRLQCLAGRDRNTMLANK ECQAALEVLQESPLYDCRCKRGMKKELQCLQIYWSIHLGLTEGEEFYEASPYEPVTS RLSDIFRLASIFSGTGADPVVSAKSNHCLDAAKACNLNDNCKLRSSYISICNREISPT ERCNRRKCHKALRQFFDRVPSEYTYRMLFCSCQDQACAERRRQITLPSCSYEDKE KPNCLDLRGVCRTDHLCRSRLADFHANCRASYQTVTSCPADNYQAACLSYAGMIG FDMTPNYVDSSPTGIVVSPWCSCRGSGNMEEEECEKFLRDFTENPCLRNAIQAFGN GTDVNVSPKGPSFQATQAPRVEKTPSLPDDLSDSTSLGTSVITTCSTSVQEQGLKAN NSKELSMCFTELTTNIIPGSNKVIKPNSAHHHHHHHHHH</p>
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

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MIM 601956

UniProt ID O00451

SDS-PAGE



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