

Recombinant Human GDNF family receptor alpha 3, His-tagged

Cat. No. GFRA3-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GFRA3, 32-374aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	32-374 a.a.
Description	GFRA3 is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor and a member of the GDNF receptor family. It forms a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin. Recombinant human GFRA3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Molecular Mass	40.7 kDa (366aa)
AA Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSDPLPTES RLMNSCLQAR RKCQADPTCS AAYHHLDSCT SSISTPLPSE EPSVPADCLE AAQQLRNSSL IGCMCHRRMK NQVACLDIYW TVHRARSLGN YELDVSPYED TVTSKPWKMN LSKLNMLKPD SDLCLKFAML CTLNDKCDRL RKAYGEACSG PHCQRHVCLR QLLTFFEKAA EPHAQGLLLC PCAPNDRGCG ERRRNTIAPN CALPPVAPNC LELRRLCFSD PLCRSRLVDF QTHCHPMDIL GTCATEQSRC LRAYLGLIGT AMTPNFVSNV NTSVALSCTC RGSGNLQEEC EMLEGGFFSHN PCLTEAIAAK MRFHSQLFSQ</p>

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DWPHPTFAVM AHQNEN

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [GFRA3 GDNF family receptor alpha 3 \[Homo sapiens \]](#)

Official Symbol GFRA3

Synonyms GFRA3; GDNF family receptor alpha 3; GDNF family receptor alpha-3; GFRa 3; GFR-alpha-3; GDNFR-alpha-3; GPI-linked receptor; GDNF receptor alpha-3; glial cell line-derived neurotrophic factor receptor alpha-3;

Gene ID [2676](#)

mRNA Refseq [NM_001496](#)

Protein Refseq [NP_001487](#)

MIM [605710](#)

UniProt ID [O60609](#)

Chromosome Location 5q31.1-q31.3

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Function

axon guidance receptor activity; receptor activity; receptor binding;

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