

AR51219PU-N

Human GFRA3 / GDNFR-alpha 3 (32-374, His-tag) - Purified

Alternate names:

GDNF family receptor alpha-3, GDNF receptor alpha-3, GFR-alpha-3

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[O60609](#)

NCBI:

[NP_001487](#)

GeneID:

[2676](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description:

Recombinant human GFRA3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSDPLPTES RLMNSCLQAR RKCQADPTCS AAYHHLDSC
SSISTPLPSE EPSVPADCLE AAQLRNSSL IGCCHRRMK NQVACLDIYW TVHRARSLGN
YELDVSPYED TVTSKPWKMN LSKLNMLKPD SDLCLKFAML CTLNDKCDRL RKAYGEACSG
PHCQRHVCLR QLLTFFEKAA EPHAQGLLLC PCAPNDRGCG ERRRNTIAPN CALPPVAPNC
LELRRLCFSD PLCRSRLVDF QTHCHPMDIL GTCATEQSRC LRAYLGLIGT AMTPNFVSNV
NTSVALSCTC RGSGLNQEEC EMLEGGFSHN PCLTEAIAAK MRFHSQLFSQ DWPHPTFAVM AHQEN

Molecular weight: 40.7 kDa (366aa)

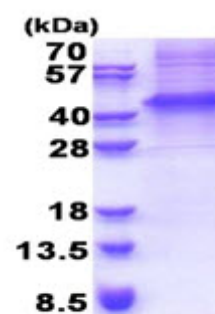
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Baloh R.H., et al. (1998) Neuron. 21:1291-1302 Wang X., et al. (2008) Structure. 14:1083-1092

Pictures:



15% SDS-PAGE (3ug)