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**Product Data Sheet**


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Product Name: GFRA3 Human, Sf9

Cat. No.: GP20303

Batch No.: 1

**Product Data**

Purity &gt;98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms GDNF Family Receptor Alpha3; GDNFR-alpha-3; GFR-alpha-3; GDNF Receptor Alpha-3; GDNFR3; GDNF Family Receptor Alpha-3; Glial Cell Line-Derived Neurotrophic Factor Receptor Alpha-3; GPI-Linked Receptor; GFRA3.

Amino Acid Sequence  
 ADPDPLPTES 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 RGSIGNLQEEC  
 EMLEGGFFSHN PCLTEAIAAK MRFHSQLFSQ DWPHTFAVM AHQENENLEPK  
 SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH  
 EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE  
 YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL  
 VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ  
 QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.

Formulation GFRA3 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Introduction**

GDNF Family Receptor Alpha 3 (GFRA3) belongs to the GDNF receptor family. GFRA3 creates a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin (ARTN).

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer

**Caution: Product has not been fully validated for medical applications. For research use only.**

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

GFRA3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 585 amino acids (32-374) and having a molecular mass of 65.5kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). GFRA3 is fused to a 239 amino acid hIlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

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