

# Rat GFRA1 Recombinant Protein



RPPB0299

## Product Information Protein Information

**Product SKU:**

RPPB0299

**Accession:**

Q62997

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

GFRA1 Rat Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 645 amino acids (25-430a.a.) and having a molecular mass of 72.3kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). GFRA1 is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

GDNF family receptor alpha-1, GDNF receptor alpha-1, GDNFR-alpha-1, GFR-alpha-1, RET ligand 1, TGF-beta-related neurotrophic factor receptor 1, Gfra1, Gdnfra, Retl1, Trnr1.

**Formulation:**

GFRA1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

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

**Amino Acid Sequence:**

DRLDCVKASD QCLKEQSCST KYRTLRCQVA GKETNFSLTS GLEAKDECRES AMEALKQKSL YNCRCKRGMK  
KEKNCLRIYW SMYQSLQGND LLEDSPYEPV NSRLSDIFRA VPFISDVFFQ VEHISKGNNC LDAAKACNLD  
DTCKKYRSAY ITPCTTSMNS EVCNRRKCHK ALRQFFDKVP AKHSYGMLFC SCRDIACER RRQTIVPVCS  
YEERERPNC SLQDSCKTNY ICRSLADFF TNCQPESRSV SNCLKENYAD CLLAYSLIG TVMTPNYVDS  
SSLSVAPWCD CSNSGNDLED CLKFLNFFKD NTCLKNAIQA FGNGSDVTMW QPAPPVQTTT ATTTAFRVK  
NKPLGPAGSE NEIPTHVLPP CANLQAQKLG SNVSGSTHLC LSDSDFGKDG LAGASSLEPK SCDKTHTCPP  
CPAPPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS  
TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL  
VKGFPYSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFCSCVM HEALTHHYTQ  
KSLSLSPGKH HHHHH.