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32-6368: GFRA1 Rat

Alternative Name : 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.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
GDNF family receptor alpha-1 (GFRA1) belongs to the GDNF receptor family. GFRA1 is a glycosyl-phosphatidylinositol(GPI)-linked cell surface receptor for both Glial cell line-derived growth factor (GDNF), neurturin (NTN), and mediates activation of the RET tyrosine kinase receptor. The GFRA1 protein is a potent survival factor for central and peripheral neurons, and is vital for the development of kidneys and the enteric nervous system.
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.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	GFRA1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	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 :	DRLDCVKASD QCLKEQSCST KYRTLRQCVA GKETNFSLTS GLEAKDECRS AMEALKQKSL YNCRCKRGMK KEKNCLRIYW SMYQSLQGND LLEDSPYEPV NSRLSDIFRA VPFISDVFQQ VEHISKGNNC LDAAKACNLD DTCKKYRSAY ITPCTTSMSN EVCNRRKCHK ALRQFFDKVP AKHSYGMLFC SCRDIACTER RRQTIVPVCS YEERERPNCL SLQDSCKTNY ICRSRLADFF TNCQPESRSV SNCLKENYAD CLLAYSGLIG TVMTPNYVDS SSLSVAPWCD CSNSGNDLED CLKFLNFFKD NTCLKNAIQA FGNGSDVTMW QPAPPVQTTT ATTTTAFRVK NKPLGPAGSE NEIPTHVLPP CANLQAQKLK SNVSGSTHLC LSDSDFGKDG LAGASSLEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.

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