

GDNF Family Receptor Alpha 1 Rat Recombinant

Item Number	rAP-2671
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.
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 hlgG-His tag
Uniprot Accession Number	Q62997
Amino Acid Sequence	DRLDCKV KASD QCLKEQSCST KYRTL RQCVA GKETN FSLTS GLEAKDECRS AMEALKQKSL YN-CRCKRGMK KEKNCLRIYW SMYQSLQGND LLEDSPYEPV NSRLSDIFRA VPFISDV FQQ VEHISKGNNC LDAAKACNLD DTCKKYRSAY ITPCTTSMSN EVCNRRKCHK ALRQFFDKVP AKHSYGMLFC SCRDI-ACTER RRQTIVPVCS YEERERP NCL SLQDSCKTNY ICRSRLADFF TNCQPESRSV SNCLKENYAD CLLAYSGLIG TVMTPNYVDS SLSVAPWCD CSNSGNDLED CLKFLNFFKD NTCLKNAIQA FGNGSDVTMW QPAPPVQTTT ATTTTAFRVK NKPLGPAGSE NEIPTHVLPP CANLQAQKLK
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	GFRA1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**