

Human GFRA1 Recombinant Protein



RPPB0298

Product Information Protein Information

Product SKU:

RPPB0298

Accession:

P56159

Host:

HEK293 cells.

Protein description:

GFRA1 Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 25-423) containing 409 amino acids including a 10 a.a C-terminal His tag. The total molecular mass is 46.0kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

GDNF receptor alpha-1, GDNFR-alpha-1, GFRalpha-1, RET ligand 1, TGF-beta-related neurotrophic factor receptor 1, GDNFRA1, RET1L2, RETL1, Glial Cell LineDerived Neurotrophic Factor Receptor Alpha, TRNR1, GPILinked Anchor Protein, PI-Linked Cell-Surface.

Formulation:

GFRA1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in phosphate buffered saline pH 7.5 containing 5 % (w/v) trehalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. GFRA1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

DRLDCVKASD QCLKEQSCST KYRTLRCQVA GKETNFSLAS GLEAKDECRES AMEALKQKSL YNCRCKRGMK
KEKNCLRIYW SMYQSLQGND LLEDSPYEPV NSRLSDIFRV VPFISVEHIP KGNNCLDAAK ACNLDDICKK
YRSAYITPCT TSVSNDVCNR RKCHKALRQF FDKVPAKHSY GMLFCSCDI ACTERRRQTI VPVCSYEERE
KPNCLNLQDS CKTNYICRSR LADFFTNCQP ESRVSSCLK ENYADCLLAY SGLIGVMTP NYIDSSSLV
APWCDCNSG NDLEECLKFL NFFKDNTCLK NAIQAFGNGS DVTVWQPAPF VQTTTATTTT ALRVKNKPLG
PAGESENIPT HVLPPCANLQ AQKLKSNVSG NTHLCISNGN YEKEGLGAS H HHHHHHHHHH.