

HuPro®

GFRA1 (Human) Recombinant Protein

Catalog # P8685

Size 2 x 10 ug

Specification

Product Description Human GFRA1 partial recombinant protein with His tag in C-terminus expressed in HEK293 cells.

Sequence

DRLDVCVKASDQCLKEQSCSTKYRTLQRCVAGKETNFSLASGLEAKDECRSAMEALKQKSLYNC
RCKRGMKKEKNCLRIYWSMYQSLQGNDLLEDSPYEPVNSRLSDIFRVVPFISVEHIPKGNNCLDA
AKACNLDDICKKYRSAYITPCTTSVSNVVCNRRKCHKALRQFFDKVPAKHSYGMLFCSCRDIACT
ERRRQTIVPVCSYEEREKPNCLNLQDSCKTNYICRSRLADFFTNCPESRSVSSCLKENYADCLL
AYSGLIGTVMTPNYIDSSSLSVAPWDCSNSGNDLEECLKFLNFFKDNTCLKNAIQAFGNGSDVT
VWQPAFPVQTTTATTTTALRVKNKPLGPAGSENEIPTHVLPPCANLQAQKLKSNVSGNTHLCISN
GNYEKEGLGASHHHHHHHHHH

Host Human

Theoretical MW (kDa) 46

Form Lyophilized

Preparation Method Mammalian cell (HEK 293) expression system

Purity > 95% as determined by SDS-PAGE.

Storage Buffer Protein (0.5 mg/mL) was lyophilized from a solution containing 1X PBS, pH 7.5, 5% w/v trehalose. Reconstitute the lyophilized powder in ddH₂O to 0.5mg/mL, and is not sterile! Please filter the product by a sterile filter before use.

Storage Instruction Lyophilized protein should be stored at -20°C. Protein aliquots at 4°C for two weeks. Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — GFRA1

Entrez GeneID	2674
Protein Accession#	P56159
Gene Name	GFRA1
Gene Alias	GDNFR, GDNFRA, GFR-ALPHA-1, MGC23045, RET1L, RETL1, TRNR1
Gene Description	GDNF family receptor alpha 1
Omim ID	601496
Gene Ontology	Hyperlink
Gene Summary	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq]
Other Designations	GPI-linked anchor protein Glial cell line-derived neurotrophic factor receptor alpha OTTHUMP00000020558 OTTHUMP00000020559 PI-linked cell-surface accessory protein RET ligand 1 TGF-beta related neurotrophic factor receptor 1

Disease

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