



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### GFRA1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00002674-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GFRA1 full-length ORF ( NP\_665736.1, 1 a.a. - 460 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MFLATLYFALPLDLLLSAEVSGGDRLDCVKASDQCLK  
EQSCSTKYRTLQCVAGKETNFSLASGLEAKDECRSA  
MEALKQKSLYNCRCKRGMKKEKNCLRIYWSMYQSLQ  
GNDLLEDSPYEPVNSRLSDIFRVVPFISVEHIPKGNLCL  
DAAKACNLDDICKKYRSAYITPCTTSVSNVDCNRRKCH  
KALRQFFDKVPAKHSYGMLFCSCRDIACRERRRQTIVP  
VCSYEEREKPNCLNLQDSCKTNYICRSRLADFFTNQ  
PESRSVSSCLKENYADCLLAYSGLIGTVMTPNYIDSSS  
LSVAPWCDCSNSGNDLEECLKFLNFFKDNTCLKNAIQ  
AFGNGSDVTVWQPAFPVQTTTATTTTALRVKNKPLGP  
AGSENEIPTHVLPCCANLQAQKLKSNVSGNTHLCISNG  
NYEKEGLGASSHITTKSMAAPPSCGLSPLLVLVVTALS  
TLLSLTETS

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 77.2

**Interspecies Antigen Sequence:** Mouse (92); Rat (91)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 2674

**Gene Symbol:** GFRA1

**Gene Alias:** GDNFR, GDNFRA, GFR-ALPHA-1, MGC23045, RET1L, RETL1, TRNR1

**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]