Datasheet for ABIN7590440

GFRA1 Protein (AA 25-430) (His tag)

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Overview

Quantity:	100 µg
Target:	GFRA1
Protein Characteristics:	AA 25-430
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GFRA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	DRLDCV KASDQCLKEQ SCSTKYRTLR QCVAGKETNF SLTSGLEAKD ECRSAMEALK QKSLYNCRCK RGMKKEKNCL RIYWSMYQSL QGNDLLEDSP YEPVNSRLSD IFRAVPFISD VFQQVEHISK GNNCLDAAKA CNLDDTCKKY RSAYITPCTT SMSNEVCNRR KCHKALRQFF DKVPAKHSYG MLFCSCRDIA CTERRRQTIV PVCSYEERER PNCLSLQDSC KTNYICRSRL ADFFTNCQPE SRSVSNCLKE NYADCLLAYS GLIGTVMTPN YVDSSSLSVA PWCDCSNSGN DLEDCLKFLN FFKDNTCLKN AIQAFGNGSD VTMWQPAPPV QTTTATTTTA FRVKNKPLGP AGSENEIPTH VLPPCANLQA QKLKSNVSGS THLCLSDSDF GKDGLAGASS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	GFRA1
Alternative Name:	GDNF family receptor alpha-1 (Gfra1) (GFRA1 Products)
Background:	Recommended name: GDNF family receptor alpha-1. Short name= GDNF receptor alpha-1. Short name= GDNFR-alpha-1. Short name= GFR-alpha-1. Alternative name(s): RET ligand 1 TGF-beta-related neurotrophic factor receptor 1
UniProt:	Q62997

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.