Datasheet for ABIN7584493

GNAL Protein (AA 1-381) (His tag)

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Overview

Quantity:	100 µg
Target:	GNAL
Protein Characteristics:	AA 1-381
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAL protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGCLGNSSKT AEDQGVDEKE RREANKKIEK QLQKERLAYK ATHRLLLLGA GESGKSTIVK QMRILHVNGS NPEEKKQKIL DIRKNVKDAI VTIVSAMSTI IPPVPLANPE NQFRSDYIKS IAPITDFEYS QEFFDHVKKL WDDEGVKACF ERSNEYQLID CAQYFLERID SVSLVDYTPT DQDLLRCRVL TSGIFETRFQ VDKVNFHMFD VGGQRDERRK WIQCFNDVTA IIYVAACSSY NMVIREDNNT NRLRESLDLF ESIWNNRWLR TISIILFLNK QDMLAEKVLA GKSKIEDYFP EYANYTVPED ATPDAGEDPK VTRAKFFIRD LFLRISTATG DGKHYCYPHF TCAVDTENIR RVFNDCRDII QRMHLKQYEL L
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:	GNAL
Alternative Name:	Guanine nucleotide-binding protein G (olf) subunit alpha (Gnal) (GNAL Products)
Background:	Recommended name: Guanine nucleotide-binding protein G(olf) subunit alpha. Alternative name(s): Adenylate cyclase-stimulating G alpha protein, olfactory type
UniProt:	P38406

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.