Datasheet for ABIN1675815

GNB5 Protein (AA 1-353) (His tag)

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Overview

Quantity:	1 mg
Target:	GNB5
Protein Characteristics:	AA 1-353
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNB5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATDGLHENE TLASLKIEAE SLKGKLEEER AKLHDVELHQ VAERVEALGQ FVMKTRRTLK GHGNKVLCMD WCKDKRRIVS SSQDGKVIVW DSFTTNKEHA VTMPCTWVMA CAYAPSGCAI ACGGLDNKCS VYPLTFDKNE NMAAKKKSVA MHTNYLSACS FTNSDMQILT ASGDGTCALW DVESGQLLQS FHGHGADVLC LDLAPSETGN TFVSGGCDKK AMVWDMRSGQ CVQAFETHES DINSVRYYPS GDAFASGSDD ATCRLYDLRA DREVAIYSKE SIIFGASSVD FSLSGRLLFA GYNDYTINVW DVLKGARVSI LFGHENRVST LRVSPDGTAF CSGSWDHTLR VWA
Specificity:	Oryctolagus cuniculus (Rabbit)
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:	GNB5
Alternative Name:	Guanine nucleotide-binding protein subunit beta-5 (GNB5) (GNB5 Products)
Background:	Recommended name: Guanine nucleotide-binding protein subunit beta-5. Alternative name(s): Gbeta5 Transducin beta chain 5
UniProt:	Q6PNB6
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Thromboxane A2 Receptor Signaling

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.