Datasheet for ABIN1643977

GNB2L1 Protein (AA 1-316) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	GNB2L1
Protein Characteristics:	AA 1-316
Origin:	Biomphalaria glabrata
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNB2L1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTEQMTLRGT LQGHGGWVTQ IATTPQYPDM ILSASRDKSL IVWRLTRDES SYGVPQKSLH GHGHFVSDVI LSSDGQFALS GSWDHTLRLW DLSTGQTTRR FVGHTKDVLS VAFSADNRQI VSGSRDKTIK LWNTLGVCKY TIQDDCHTDW TSCVRFSPNT QNPIIVSSGW DRLVKVWNLT NCKLKTNHYG HTGYVNTVTV SPDGSLCASG GKDSQAMLWD LNEGKHLYTL DGAGDTINAL CFSPNRYWLC VASGPSIKIW DLEGKVVVDE LKPEVMGTTS KAPTCLSLAW SADGQTLFAG YTDKLIRVWQ VSMVSR
Specificity:	Biomphalaria glabrata (Bloodfluke planorb) (Freshwater snail)
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:	GNB2L1
Alternative Name:	Guanine nucleotide-binding protein subunit beta-2-like 1 (GNB2L1 Products)
Background:	Recommended name: Guanine nucleotide-binding protein subunit beta-2-like 1. Alternative name(s): Receptor of activated protein kinase C. Short name= RACK
UniProt:	Q93134
Pathways:	cAMP Metabolic Process, Positive Regulation of Endopeptidase Activity

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.