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Datasheet for ABIN1656001 GNB2L1 Protein (AA 1-317) (His tag)

Overview

Quantity:	1 mg
Target:	GNB2L1
Protein Characteristics:	AA 1-317
Origin:	Cichlidae (Oreochromis)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNB2L1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTEQMTVRGT LKGHSGWVTQ IATTPKYPDM ILSASRDKSI IMWKLTRDET NYGIPQRS LK GHSHFVSDVV ISSDGQFALS GAWDGT LRLW DLTTGLTTRR FVGHTKDVLS VAFSADNRQI VSGSRDKTIK LWNTLGVC KY TIQDEGHTEW VSCVRFSPNS SNPIIVSCGW DKMVKVWNLA NCKLKTNHIG HTGYLNTVTV SPDGSLCASG GKDGQAMLWD LNEGKHLYTL DSGDVINALC FSPNRYWLCA ATGPSIKIWD LEGKIIVDEL RQEVISTNSK AEPPQCTSLA WSADGQTLFA GYTDNLIRVW QVTIGTR
Specificity:	Oreochromis niloticus (Nile tilapia) (Tilapia nilotica)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian 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) (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:	O42249
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 modified 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.