Datasheet for ABIN7583641

BEGAIN Protein (AA 1-611) (His tag)

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Overview

Quantity:	100 µg
Target:	BEGAIN
Protein Characteristics:	AA 1-611
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BEGAIN protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MWTGGRRPGR LRRAASAADM EKLSALQEQK GELRKRLSYT THKLEKLETE FDSTRHYLEI ELRRAQEELD KVTEKLRRIQ SNYMALQRIN QELEDKLYRM GQHYEEEKRA MSHEIVALNS HLLEAKVTID KLSEDNELYR KDCNLAAQLL QCSQTYGRVH KVSELPSDFQ QRVSLHMEKH GCSLPSPLCH PSYADSVPTC VIAKVLEKPD PGSLSSRMSD ASARDLAYRD GVENPGPRPP YKGDIYCSDT ALYCPDERDH DRRPSVDTPV TDVGFLRAQN STDSLAEEEE AEAAAFPEAY RREAFQGYAA SLPTSSSYSS FSATSEEKEH AQASTLTASQ QAIYLNSREE LFSRKPPSAT YGSSPRYAKA AATLGSPLEA QVAPGFARTV SPYPAEPYRY PASQQALMPP NLWSLRAKPS GNRLAAREDI RGQWRPLSVE DVGAYSYQAG AAGRAASPCN FSERFYGGGG GGGSPGKNAE GRASPLYASY KADSFSEGDD LSQGHLAEPC FLRAGGDLSL SPSRSADPLP GYATSDGDGD RLGVQLCGPG SSPEPEHGSR DSLEPSSMEA SPEMHPPTRL SPQQAFPRTG GSGLSRKDSL TKAQLYGTLL N
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	BEGAIN
Alternative Name:	Brain-enriched guanylate kinase-associated protein (Begain) (BEGAIN Products)
Background:	Recommended name: Brain-enriched guanylate kinase-associated protein
UniProt:	O88881

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.