antibodies

Datasheet for ABIN1631557 AANAT Protein (AA 1-207) (His tag)



Overview	
Quantity:	1 mg
Target:	AANAT
Protein Characteristics:	AA 1-207
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This AANAT protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MSMQSTHPPK PEAPRLPPGI PESPSCQRRH TLPASEFRCL TPEDAVSAFE IEREAFISVL
	GVCPLDLDEI RHFLTLCPEL SLGWFEEGCL VAFIIGSLWD KERLMQESLT LHRSGGHIAH
	LHVLAVHRAF RQQGRGPILL WRYLHHLGSQ PAVRRAALMC EDALVPFYER FSFHAVGPCA
	ITVGSLTFTE LHCSLRDHPF LRRNSGC
Specificity:	Pan troglodytes (Chimpanzee)
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:	AANAT

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Target Details

Alternative Name:	Serotonin N-Acetyltransferase (AANAT) (AANAT Products)
Background:	Recommended name: Serotonin N-acetyltransferase.
	Short name= Serotonin acetylase.
	EC= 2.3.1.87.
	Alternative name(s): Aralkylamine N-acetyltransferase.
	Short name= AA-NAT
UniProt:	Q5IS55
Pathways:	Photoperiodism

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.

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