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Datasheet for ABIN1633306 GATC Protein (AA 12-188) (His tag)



Overview	
Quantity:	1 mg
Target:	GATC
Protein Characteristics:	AA 12-188
Origin:	Tetraodon nigroviridis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GATC protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	LSWCYASRL THQGTSVTSG EGSPGTRTSR VPARVLNLTR PLSCRAYNSK VPQSPTWEPV
	SEDLLPPCAQ FPADLVDKLE RLALVDFRTK QGLECLEKAI RFADQLHVVD TSGVEPMDSV
	LEDRVLYLRE DEEKEGDCAE ELLQLSRNTC EEYYVAPPGN IPLPTREKRA AMLKHSEF
Specificity:	Tetraodon nigroviridis (Spotted green pufferfish) (Chelonodon nigroviridis)
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 %
Torgot Dotailo	
Target Details	
Target:	GATC

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Target Details	
Background:	Recommended name: Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial.
	Short name= Glu-AdT subunit C.
	EC= 6.3.5
UniProt:	Q4RSW7
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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