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## ATAD1 Protein (AA 1-380) (His tag)



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Quantity:	1 mg
Target:	ATAD1
Protein Characteristics:	AA 1-380
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATAD1 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MLSDIPRDAL LRPLTRNEVV GMLVRLTVFG AATYYSIKWV VDALDPTQKQ KSQAKKRAEQ
	LMKQIGVEGV SLTEYEMNIA TLLVDPRSIK VTWRDVAGLD EIISEMQDTV ILPFQKRHLF
	SGSKLLQPPK GVLLYGPPGC GKTLIAKATA KASGCRFINL QASTLTDKWY GESQKLTAAV
	FSLAVKIQPC IIFLDEIDSF LRNRSSMDHE ATAMMKAQFM SLWDGLDTGE NSQVMVMGAT
	NRPQDVDAAI LRRMPTAFHV GLPNAAQREE ILRLILSGEN LSNAINLKEI ASQSEGYSGS
	DLKELCRDAA MYRVRDYVRK QQMKQIAQQF QLDEEEEHVD SRQLRPVTQL DLLFGLDKMR
	ESKQATATTD PANLREVPLD
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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:	ATAD1
Alternative Name:	ATPase family AAA domain-containing protein 1-A (atad1a) (ATAD1 Products)
Background:	Recommended name: ATPase family AAA domain-containing protein 1-A.  EC= 3.6.1.3
UniProt:	Q7ZZ25
Pathways:	Synaptic Membrane

### **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.	