

Datasheet for ABIN1626038

BHMT Protein (AA 1-400) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BHMT
Protein Characteristics:	AA 1-400
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BHMT protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAPVGSKRGV LERLNAGEVV IGDGGFVFAL EKRGYVKAGP WTPEAAAEHP EAVRQLHREF LRAGSNVMQT FTFYASDDKL ENRGNKLSFT GQQINEAACD LAREVANECD ALVAGGVSQT PSYLSCKSEE EVKKTFFKKQL DVFIKKNVDL LIAEYFEHVE EAEWAVQVLK ATGKPVAATL CIGPDGDMHG VIPGECVRL VKAGADIVGV NCHFDPLTCV KTVAMMKAAV EKAGLKAHYM TQPLAYHTPD CSCQGFDLP EFPFALEPRI LTRWEMQQYA REAYKAGIRY IGGCCGFEPY HIRAVAEELS AERGFLPEAS QKHGLWGSGE EMHTKPWVRA RARRDYWEKL KPASGRPLCP SMSTPDGSGV TRGHAALMQQ KEATTAEQLR PLFQQADAKH
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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:	BHMT
Alternative Name:	Betaine--homocysteine S-methyltransferase 1 (bhmt) (BHMT Products)
Background:	Recommended name: Betaine--homocysteine S-methyltransferase 1. EC= 2.1.1.5
UniProt:	Q32LQ4
Pathways:	Methionine Biosynthetic Process

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.