



[Go to Product page](#)

Datasheet for ABIN1592152
SHM2 Protein (AA 2-470) (His tag)

Overview

Quantity:	1 mg
Target:	SHM2
Protein Characteristics:	AA 2-470
Origin:	Candida albicans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SHM2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SAYALSQSH RQLTEGHLKD TDPEVDQIIK DEIDRQQHSI VLIASENFTT TAVFDALGTP MCNKYSEGYP GARYYGGNEH IDRMELLCQE RALKAFGLTP DKWGVNVQTL SGSPANLQVY QAIMKPERL MGLDLPHGGH LSHGYQTDSR KISAVSTYFE TMPYRVDLET GLIDYDMLEK TAVLYRPKVL VAGTSAYCRL IDYKRMREIA DKVGAYLVVD MAHISGLIAA GVIPSPFEYA DIVTTTTTHKS LRGPRGAMIF FRRGVRVSNP KTGQEILYDL ENPINFSVFP GHQGGPHNHT IAALATALKQ ANTPEFKEYQ EQVLKNAKAL ESEFTKKGYK LVSDGTDSHM VLVSLKDKQI DGARVETVCE KINIALNKNS IPGDKSALVP GGVRIGAPAM TTRGLGEEDF KKIVSYIDFA VNYAKEVQSQ LPKDANKLKD FKNAVSGDSE KLKAVRDEIY QWAGSFPLAV</p>
Specificity:	Candida albicans (strain SC5314 / ATCC MYA-2876) (Yeast)
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.

Product Details

Purity: > 90 %

Target Details

Target: SHM2

Alternative Name: Serine hydroxymethyltransferase, cytosolic (SHM2) ([SHM2 Products](#))

Background: Recommended name: Serine hydroxymethyltransferase, cytosolic.
Short name= SHMT.
EC= 2.1.2.1.
Alternative name(s): Glycine hydroxymethyltransferase SHMII Serine methylase

UniProt: [O13426](#)

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

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.