

Datasheet for ABIN1611397

## CMAS Protein (AA 1-413) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	CMAS
Protein Characteristics:	AA 1-413
Origin:	Streptococcus agalactiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CMAS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MKPICIIPAR SGSKGLPDKN MLFLAGKPMI FHTIDAAIES GMFDKKDIFV STDSELYREI CLERGISVVM RKPELSTDQA TSYDMLKDFL SDYEDNQEFV LLQVTSPLRK SWHIKEAMEY YSSHVDNVV SFSEVEKHPG LFTTSLDKGY AIDMVGADKG YRRQDLQPLY YPNGAIFISN KETYLREKSF FTSRTYAYQM AKEFSLDVDV RDDFIHVIGH LFFDYAIREK ENKVFYKEGY SRLFNREASK IILGDSKTIS ISLENYHNYS QGGVTLATML ENLPNFLTAN VTEAFVSIGV NDLITGYSVE EIFSNFQKLY SLLAENKIKM RFTTIAYTLF RETVNNADIE KINQWLTEFC YQNQIPLLDI NRFLSKDGNL NYHLTSDGLH FTQEANDLLQ SQYQLFVDEV KTL
Specificity:	Streptococcus agalactiae serotype III
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:	CMAS
Alternative Name:	N-acylneuraminate cytidyltransferase (neuA) ( <a href="#">CMAS Products</a> )
Background:	<p>Recommended name: N-acylneuraminate cytidyltransferase.</p> <p>EC= 2.7.7.43.</p> <p>Alternative name(s): CMP-N-acetylneuraminic acid synthase.</p> <p>Short name= CMP-NeuNAc synthase CMP-sialic acid synthase</p>
UniProt:	<a href="#">P0A4V0</a>

## Application Details

Comment:	<p>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.</p>
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.