



[Go to Product page](#)

Datasheet for ABIN1628646  
**GAP2 Protein (AA 1-338) (His tag)**

### Overview

Quantity:	1 mg
Target:	GAP2
Protein Characteristics:	AA 1-338
Origin:	Methanosarcina
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAP2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAKAKIAVNG YGTIGKRVAD AVRAQDDMEV VGISKTKPNY EAAVAHRLGY DIYAPAAANLE AFEKAGMPAA GSIEEMLEKA DLVVDCTPGG IGEKNKPIYE KVGIKAIWQG GESHPHAGFS FNAESNYEQA VGRDLTRVVS CNTTALCRAI STIDRELGVN KVRASLSRRA VDPNEIKKGP VDAIVLNPVK LPSHHGPDVR SVLPHINITT AAIKVPTTLM HVHTVNMEVN KDCTAEDVKN IFGSQSRIRL VGQGITSTAE IIEFARDIGR PRHDMWELCI WPESITVTDK ELYFFHAVHQ ESIVVPENVD AIRAMMELES DGAKSIEKTN KAIGLYNK
Specificity:	Methanosarcina barkeri (strain Fusaro / DSM 804)
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

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Target:	GAP2
Alternative Name:	Glyceraldehyde-3-phosphate dehydrogenase 2 (gap2) ( <a href="#">GAP2 Products</a> )
Background:	Recommended name: Glyceraldehyde-3-phosphate dehydrogenase 2. Short name= GAPDH 2. EC= 1.2.1.59. Alternative name(s): NAD(P)-dependent glyceraldehyde-3-phosphate dehydrogenase 2
UniProt:	<a href="#">Q465K9</a>

## Application Details

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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

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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.