

Datasheet for ABIN7585186

## MTHFD2L Protein (AA 1-338) (His tag)



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	MTHFD2L
Protein Characteristics:	AA 1-338
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTHFD2L protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MATRARGLSL LRGR LGRGPA RAPGVAERAW RGFGSSSRH EAVIISGTEM AKQIRRELQQ</p> <p>GVESWLALGN RRP HLSILV GDNPASHTYV RNKIRAASAV GICSELIVKP KNVSQEELLD</p> <p>ITDQLNMDPR VSGILVQLPL PDHVDERTIC NGIAPEKDVD GFHIINIGRL CLDQHS LIPA</p> <p>TASAVWEI IK RAGIETFGKN VVAGRSKNV GMPIAMLLHT DGEHERPGGD ATVTIAHRHT</p> <p>PREQLKAHTQ LAEIIIVAAG IPGLITADMV REGATVIDVG INYVQDPVTG KTKLVGDVDF</p> <p>EAVKKKASFI TPVPGGVGPM TVAMLLKNTL LAAKNITY</p>
Specificity:	Rattus norvegicus (Rat)
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:	MTHFD2L
Alternative Name:	Probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2 (Mthfd2l) ( <a href="#">MTHFD2L Products</a> )
Background:	<p>Recommended name: Probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2.</p> <p>Alternative name(s): NADP-dependent methylenetetrahydrofolate dehydrogenase 2-like protein.</p> <p>Short name= MTHFD2-like Including the following 2 domains: NAD-dependent methylenetetrahydrofolate dehydrogenase.</p> <p>EC= 1.5.1.15 Methenyltetrahydrofolate cyclohydrolase.</p> <p>EC= 3.5.4.9</p>
UniProt:	<a href="#">D3ZUA0</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



## Handling

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