

Datasheet for ABIN7562097

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



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Overview

Quantity:	1 mg
Target:	MTHFD2L
Protein Characteristics:	AA 1-338
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTHFD2L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mthfd2l Protein expressed in mammalian cells.
Sequence:	<p>MATRARGFSL LRGR LGRGPV RAPGVAERAW RFGSSGRRH EAVISGTNM AKQIQKEIQQ</p> <p>GVESWIALGN RRPHLSIILV GDNPASHTYV RNKIKAAASV GICSELIKP KNVSQEELLD</p> <p>ITDQLNMDPR VSGILVQLPL PDHVDERTIC NGIAPEKDVD GFHIINIGRL CLDQHS LIPA</p> <p>TASAVWEIIR RAGIETFGKN VVAGRSKNV GMPIAMLLHT DGEHERPGGD ATVTIAHRYT</p> <p>PREQLKAHTQ LADIIIVAAG IPR LITADMV REGAAVIDVG INYIQDPVTG KTKLVGDVDF</p> <p>EAVKKKASFI TPVPGGVGPM TVAMLLKNTL LAAKNIAV Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: MTHFD2L

Alternative Name: Mthfd2l ([MTHFD2L Products](#))

Background: Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2, mitochondrial (NADP-dependent methylenetetrahydrofolate dehydrogenase 2-like protein) (MTHFD2-like) [Includes: NAD-dependent methylenetetrahydrofolate dehydrogenase (EC 1.5.1.15) (EC 1.5.1.5), Methenyltetrahydrofolate cyclohydrolase (EC 3.5.4.9)],FUNCTION: Bifunctional mitochondrial folate-interconverting enzyme that has both NAD/NADP-dependent methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities. {ECO:0000250|UniProtKB:D3ZUA0}.

Molecular Weight: 36.4 kDa

UniProt: [D3YZG8](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months