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Datasheet for ABIN1311552

MTHFD1 Protein (AA 1-935) (GST tag)

1 Image

Overview

Quantity:	10 µg
Target:	MTHFD1
Protein Characteristics:	AA 1-935
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTHFD1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	MTHFD1 (Human) Recombinant Protein (P01)
Sequence:	MAPAEILNGK EISAQIRARL KNQVTQLKEQ VPGFTPRLAI LQVGNRDDSN LYINVKLKAA EEIGIKATHI KLPRTTTESE VMKYITSLNE DSTVHGFLVQ LPLDSENSIN TEEVINAIAP EKDVDGLTSI NAGRLARGDL NDCFIPCTPK GCLELIKETG VPIAGRHAVV VGRSKIVGAP MHDLLLWNNNA TVTTCHSKTA HLDEEVNKGDL ILVVATGQPE MVKGEWIKPG AIVIDCGINY VPDDKKPNGR KVVGDVAYDE AKERASFITP VPGGVGPMTV AMLMQSTVES AKRFLEKFKP GKWWMIQYNNL NLKTPVPSDI DISRSCKPKP IGKLAREIGL LSEEVELYGE TKAKVLLSAL ERLKHDPDGK YVVVTGITPT PLGEGKSTTT IGLVQALGAH LYQNVFACVR QPSQGPTFGI KGG AAGGYS QVIPMEEFNL HLTGDIHAIT AANNLVAAAI DARIFHELTQ TDKALFNRLV PSVNGVRRFS DIQIRRLKRL GIEKTDPTTL TDEEINRFAR LDIDPETITW QRVLDTNDRF LRKITIGQAP TEKGHTRTAQ FDISVASEIM AVLALTTSL E DMRERLGKMV VASSKKGEPV SAEDLGVSGA LTVLMKDAIK PNLMQTLEGT PVFVHAGPFA NIAHGSSII ADQIALKLVG

Product Details

PEGFVVTEAG FGADIGMEKF FNIKCRYSGL CPHVVVLVAT VRALKMHGGG PTVTAGLPLP
KAYIQENLEL VEKGFNSLKK QIENARMFGI PVVVAVNAFK TDTSELDLI SRLSREHGAF
DAVKCTHWAE GGK GALALAQ AVQRAAQAPS SFQLLYDLKL PVEDKIRIIA QKIYGADDIE
LLPEAQHKAE VYTKQGFNL PICMAKTHLS LSHNPEQKGV PTGFILPIRD IRASVGAGFL
YPLVGTMSTM PGLPTRPCFY DIDLDPETEQ VNGLF

Characteristics: Human MTHFD1 full-length ORF (AAH09806, 1 a.a. - 935 a.a.) recombinant protein with GST-tag at N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: MTHFD1

Alternative Name: MTHFD1 ([MTHFD1 Products](#))

Background: Full Gene Name: methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase
Synonyms: MTHFC, MTHFD

Gene ID: 4522

Pathways: [Methionine Biosynthetic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.



Image 1.