

C-1-tetrahydrofolate synthase, cytoplasmic (MTHFD1) Recombinant Protein | MTHFD1 recombinant protein

Recombinant Human C-1-tetrahydrofolate synthase, cytoplasmic (MTHFD1) , partial

CATALOG #
AAA114840

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

C-1-tetrahydrofolate synthase; cytoplasmic (MTHFD1); Recombinant Human C-1-tetrahydrofolate synthase; partial; MTHFD1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2–291aa; partial
Sequence	APAEILNGKE ISAQIRARLK NQVTQLKEQV PGFTPLAIL QVGNRDDSNL YINVKLKAAE EIGIKATHIK LPRTTTESEV MKYITSLNED STVHGFLVQL PLDSSENSINT EEVINAIAPK KDVDGLTSIN AGKLARGDLN DCFIPCTPKG CLELIKETGV PIAGRHAVVV GRSKIVGAPM HDLLLWNNAT VTTCHSKTAH LDEEVNKGDI LVVATGQPEM VKGEWIKPGA IVIDCGINYV PDDKKPNGRK VVGDVAYDEA KERASFITPV PGGVGPMTVA MLMQSTVESA
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222136639
NCBI GeneID	4522
NCBI Accession #	NP_005947.3
NCBI GenBank Nucleotide #	NM_005956.3
UniProt Accession #	P11586 ; Q86VC9 ; Q9BVP5 ; B2R5Y2 ; G3V2B8
Molecular Weight	101,559 Da
NCBI Official Full Name	C-1-tetrahydrofolate synthase, cytoplasmic
NCBI Official Synonym Full Names	methylenetetrahydrofolate dehydrogenase, cyclohydrolase and formyltetrahydrofolate synthetase 1
NCBI Official Symbol	MTHFD1
NCBI Official Synonym Symbols	CIMAH; MTHFC; MTHFD
NCBI Protein Information	C-1-tetrahydrofolate synthase, cytoplasmic
UniProt Protein Name	C-1-tetrahydrofolate synthase, cytoplasmic
UniProt Gene Name	MTHFD1
UniProt Synonym Gene Names	MTHFC; MTHFD; C1-THF synthase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mthfd1-recombinant-protein-e-coli/114840>