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

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

| CATALOG # | HOST |
|---|---|
| **AAA114840** | **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 PGFTPRLAIL QVGNRDDSNL YINVKLKAAE EIGIKATHIK LPRTTTESEV MKYITSLNED STVHGFLVQL PLDSENSINT EEVINAIAPE 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.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/mthfd1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114840