

C-1-tetrahydrofolate synthase Recombinant Protein | MTHFD1 recombinant protein

Recombinant Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii) C-1-tetrahydrofolate synthase, cytoplasmic

CATALOG # AAA116532	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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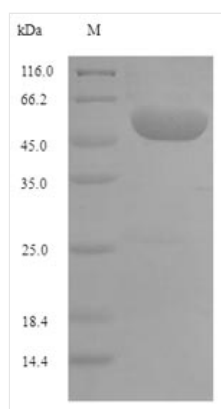
PRODUCT SYNONYMS

C-1-tetrahydrofolate synthase; Recombinant Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii) C-1-tetrahydrofolate synthase; cytoplasmic; C1-THF synthase; 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	1-305. Partial
Sequence	MAPAEILNGR EISAQIRARL KNQVTQLKEQ VPGFTPGLAI LLVGNRDDSN LYINVKLKAA EEIGIKATHI KLPRTTTESE VIKYITSLNE DSTVHGFLVQ LPLDSENSIN TEEVINAIAP EKDVDGLTSI SAGKLARGDL NDCFIPCTPK GCLELIKETG VPIAGRHAVV VGRSKIVGAP MHDLLWNNA TVTTCHSKTA NLDEEVNKGD ILVVATGRPE MVKGEWIKPG AIVIDCGINY VPDDKKPNGR KVVGDVAYDE AKERASFITP VPGGVGPMTV AMLMQSTVES AKRFLEKFKP GKWMI
Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MTHFD1 recombinant protein	5,10-methylenetetrahydrofolate + NADP+ = 5,10-methenyltetrahydrofolate + NADPH. 5,10-methenyltetrahydrofolate + H2O = 10-formyltetrahydrofolate. ATP + formate + tetrahydrofolate = ADP + phosphate + 10-formyltetrahydrofolate.
Product Categories/Family for MTHFD1 recombinant protein	Cell Biology

References	The German cDNA consortium Submitted (NOV-2004)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197099610
NCBI GeneID	100173036
NCBI Accession #	NP_001126083.1
NCBI GenBank Nucleotide #	NM_001132611.1
UniProt Accession #	Q5R8P0
Molecular Weight	49 kDa
NCBI Official Full Name	C-1-tetrahydrofolate synthase, cytoplasmic
NCBI Official Symbol	MTHFD1
NCBI Protein Information	C-1-tetrahydrofolate synthase, cytoplasmic
UniProt Protein Name	C-1-tetrahydrofolate synthase, cytoplasmic
UniProt Gene Name	MTHFD1
UniProt Synonym Gene Names	C1-THF synthase
UniProt Entry Name	C1TC_PONAB

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://stage.aaabiotech.com/mthfd1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116532>