

Recombinant Human MTHFD2 protein, his-tagged

Cat. No. MTHFD2-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTHFD2 Protein was expressed in E.coli with His-tag.
Species	Human
Source	E.coli
ProteinLength	30-350 aa
Form	Liquid
Molecular Mass	37.2 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSLAAVRNEAVVISGRKLAQQIKQEVQRQEVEEWV ASGNKRPHLSVILVGENPASHSYVLNKTRAAAVVGINSETIMKPASISSEELLNLINKL NNDDNVDGLLVQLPLPEHIDERRICNAVSPDKDVDGFHVINVGRMCLDQYSMLPAT PWGVWEIIRKTGIPTLGKNVVVAGRSKNVGMPIAMLLHTDGAHERPGGDATVTISHR YTPKEQLKKHTILADIVISAAGIPNLITADMIKEGAVIDVGINRVHDPVTAKPKLVGDV DFEGVRQKAGYITPVPGGVGPMTVAMLMKNTIIAAKKVLRLEEREVLKSKELGVATN
Purity	> 95 % by SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 1 mg/mL (determined by Bradford assay)

Storage Buffer In Phosphate buffered saline (pH7.4) containing 20% glycerol, 1mM DTT

GENE INFORMATION

Gene Name MTHFD2 methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase [Homo sapiens (human)]

Official Symbol MTHFD2

Synonyms MTHFD2; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase; NMDMC; bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase; EC 1.5.1.15; EC 3.5.4.9

Gene ID 10797

mRNA Refseq NM_006636

Protein Refseq NP_006627

MIM 604887

UniProt ID P13995

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