

Recombinant Human MTHFD2L, His-tagged

Cat. No. MTHFD2L-1083H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTHFD2L protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-146aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	MTHFD2L methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like [Homo sapiens]
Official Symbol	MTHFD2L
Synonyms	MTHFD2L; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like; probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2; MGC72244; MTHFD2-like; NADP-dependent methylenetetrahydrofolate

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dehydrogenase 2-like protein; FLJ13105; MGC45532;

Gene ID

441024

mRNA Refseq

NM_001144978

Protein Refseq

NP_001138450

MIM

614047

UniProt ID

Q9H903

**Chromosome
Location**

4q13.3

Pathway

C1-unit interconversion, eukaryotes, organism-specific biosystem; C1-unit interconversion, eukaryotes, conserved biosystem; Metabolic pathways, organism-specific biosystem; One carbon pool by folate, organism-specific biosystem; One carbon pool by folate, conserved biosystem;

Function

catalytic activity; hydrolase activity; methenyltetrahydrofolate cyclohydrolase activity; methylenetetrahydrofolate dehydrogenase (NAD⁺) activity; methylenetetrahydrofolate dehydrogenase (NADP⁺) activity; nucleotide binding; oxidoreductase activity;

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