

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;