Recombinant Human MTHFD1L, His-tagged

Cat. No. MTHFD1L-1082H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTHFD1L protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-349
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	MTHFD1L methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like [Homo sapiens]
Official Symbol	MTHFD1L
Synonyms	MTHFD1L; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1-like; formyltetrahydrofolate synthetase domain containing 1 , FTHFSDC1; monofunctional C1-tetrahydrofolate synthase, mitochondrial; 10 formyl THF synthetase;

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	DKFZP586G1517; FLJ21145; mitochondrial C1 tetrahydrofolate synthase; monofunctional C1 tetrahydrofolate synthase; mitochondrial; 10-formyl-THF synthetase; formyltetrahydrofolate synthetase domain containing 1; FTHFSDC1; MTC1THFS; dJ292B18.2; RP1-292B18.2; DKFZp586G1517;
Gene ID	25902
mRNA Refseq	NM_001242767
Protein Refseq	NP_001229696
MIM	611427
UniProt ID	Q6UB35
Chromosome Location	6q25.1
Pathway	C1-unit interconversion, eukaryotes, organism-specific biosystem; C1-unit interconversion, eukaryotes, conserved biosystem; Metabolic pathways, organism-specific biosystem; One Carbon Metabolism, organism-specific biosystem; One carbon pool by folate, organism-specific biosystem; One carbon pool by folate, conserved biosystem;
Function	ATP binding; ATP binding; catalytic activity; formate-tetrahydrofolate ligase activity; formate-tetrahydrofolate ligase activity; ligase activity; methylenetetrahydrofolate dehydrogenase (NADP+) activity; nucleotide binding; protein homodimerization activ

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