

Recombinant Full Length Human MTHFD2L Protein, C-Flag-tagged

Cat. No. MTHFD2L-1160HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MTHFD2L Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable methenyltetrahydrofolate cyclohydrolase activity; methylenetetrahydrofolate dehydrogenase (NAD ⁺) activity; and methylenetetrahydrofolate dehydrogenase (NADP ⁺) activity. Predicted to be involved in tetrahydrofolate interconversion. Predicted to be located in mitochondrial matrix. Predicted to be active in mitochondrion.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	37.1 kDa
AA Sequence	MTVPVRGFSLLRGRGRAPALGRSTAPSVRAPGEPGSAFRGFRSSGVRHEAIIISGT EMAKHIQKEIQRG VESWVSLGNRRPHLSIILVGDNPASHTYVRNKIRAASAVGICSEL ILKPKDVSQEELLDVTDQLNMDPRV SGILVQLPLPDHVDERTICNGIAPEKDVDGFHII NIGRLCLDQHSLIPATASAVWEIIRTKGIQTFGKNV VVAGRSKNVGMPIAMLLHTDGE HERPGGDATVTIAHRYTPKEQLKIHTQLADIIIVAAGIPKLITSDMVK EGAAVIDVGINY VHDPVTGKTKLVGDVDFAVKKKAGFITPVPGGVGPMTVAMLLKNTLLAAKKIYTRT RPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	MTHFD2L methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2 like [Homo sapiens (human)]
Official Symbol	MTHFD2L
Synonyms	FLJ13105; MGC45532; MGC72244
Gene ID	441024
mRNA Refseq	NM_001144978.3
Protein Refseq	NP_001138450.1
MIM	614047

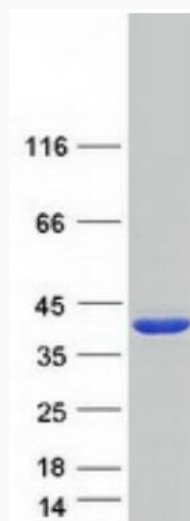
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UniProt ID

Q9H903



Coomassie blue staining of purified MTHFD2L protein.

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