

# Recombinant Full Length Human MTHFD2L Protein, GST-tagged

**Cat. No.** MTHFD2L-6529HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MTHFD2L full-length ORF ( AAH32771.1, 1 a.a. - 146 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	146 amino acids
<b>Description</b>	MTHFD2L (Methylenetetrahydrofolate Dehydrogenase (NADP+ Dependent) 2 Like) is a Protein Coding gene. Among its related pathways are Metabolism and One carbon pool by folate. GO annotations related to this gene include formate-tetrahydrofolate ligase activity and methylenetetrahydrofolate dehydrogenase (NADP+) activity. An important paralog of this gene is MTHFD2.
<b>Molecular Mass</b>	42.4 kDa
<b>AA Sequence</b>	MDPRVSGILVQLPLPDHVDERTICNGIAPEKDVDGFHIIINIGRLCLDQHSLIPATASAV WEIIRKRTGIQTFGKNVVVAGRSKNVGMPIAMLLHTDGEHERPGGDATVTIAHRYTPK EQLKIHTQLADIIIVAAERFHHFAQDLSNS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

	Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MTHFD2L methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like [ Homo sapiens ]
<b>Official Symbol</b>	MTHFD2L
<b>Synonyms</b>	MTHFD2L; methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like; probable bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase 2; MGC72244; MTHFD2-like; NADP-dependent methylenetetrahydrofolate dehydrogenase 2-like protein; FLJ13105; MGC45532;
<b>Gene ID</b>	441024
<b>mRNA Refseq</b>	NM_001144978
<b>Protein Refseq</b>	NP_001138450
<b>MIM</b>	614047
<b>UniProt ID</b>	Q9H903

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