

Recombinant Full Length Human MTHFD2L Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human MTHFD2L full-length ORF (AAH32771.1, 1 a.a. - 146 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	146 amino acids
Description	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.
Molecular Mass	42.4 kDa
AA Sequence	MDPRVSGILVQLPLPDHVDERTICNGIAPEKDVDGFGHIINIGRLCLDQHSLIPATASAV WEIIKRTGIQTFGKNVVVAGRSKNVGMPIAMLLHTDGEHERPGGDATVTIAHRYTPK EQLKIHTQLADIIIVAAERFHHFAQDLSNS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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 dehydrogenase 2-like protein; FLJ13105; MGC45532;
Gene ID	441024
mRNA Refseq	NM_001144978
Protein Refseq	NP_001138450
MIM	614047
UniProt ID	Q9H903

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