

## Recombinant Mouse Mthfd2 Protein, Myc/DDK-tagged

Cat. No. Mthfd2-4210M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length methylenetetrahydrofolate dehydrogenase (NAD <sup>+</sup> dependent), methenyltetrahydrofolate cyclohydrolase (Mthfd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Although its dehydrogenase activity is NAD-specific, it can also utilize NADP at a reduced efficiency.
<b>Molecular Mass</b>	37.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

 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

<b>Gene Name</b>	Mthfd2 methylenetetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Mthfd2
<b>Synonyms</b>	MTHFD2; methylenetetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cyclohydrolase; bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial; NMDMC; AW558851
<b>Gene ID</b>	17768
<b>mRNA Refseq</b>	NM_008638
<b>Protein Refseq</b>	NP_032664
<b>UniProt ID</b>	P18155

 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