

Recombinant Mouse Mthfr Protein, Myc/DDK-tagged

Cat. No. Mthfr-4212M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methylenetetrahydrofolate reductase (Mthfr), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine.
Molecular Mass	75 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mthfr methylenetetrahydrofolate reductase [Mus musculus (house mouse)]
Official Symbol	Mthfr
Synonyms	MTHFR; 5,10-methylenetetrahydrofolate reductase; methylenetetrahydrofolate reductase; AI323986
Gene ID	17769
mRNA Refseq	NM_010840
Protein Refseq	NP_034970
UniProt ID	Q9WU20

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