

# Recombinant Human MTHFD2

Catalog No: #GP13614



Package Size: #GP13614-1 100ug

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## Description

Product Name	Recombinant Human MTHFD2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 151-350 amino acids of human MTHFD2
Target Name	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
Other Names	NMDMC
Accession No.	Swissprot:P13995Gene Accession:BC001548
Uniprot	P13995
GeneID	10797;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes a nuclear-encoded mitochondrial bifunctional enzyme with methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities. The enzyme functions as a homodimer and is unique in its absolute requirement for magnesium and inorganic phosphate. Formation of the enzyme-magnesium complex allows binding of NAD. Alternative splicing results in two different transcripts, one protein-coding and the other not protein-coding. This gene has a pseudogene on chromosome 7.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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