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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MTRR (Human) Recombinant Protein (Q01)

Catalog Number: H00004552-Q01

Regulation Status: For research use only (RUO)

Product Description: Human MTRR partial ORF (NP_002445, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRRFLLLYATQQGQAKAIAEEMCEQAVVHGFSADLHC
ISESDKYDLKTETAPLVVVVSTTGTGDPDTARKFVKEI
QNQTLPVDFFAHLRYGLLGLGDSEYTYFCNGGKI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.84

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4552

Gene Symbol: MTRR

Gene Alias: MGC129643, MSR

Gene Summary: Methionine is an essential amino acid required for protein synthesis and one-carbon metabolism. Its synthesis is catalyzed by the enzyme methionine synthase. Methionine synthase eventually becomes inactive due to the oxidation of its cob(I)alamin

cofactor. The protein encoded by this gene regenerates a functional methionine synthase via reductive methylation. It is a member of the ferredoxin-NADP(+) reductase (FNR) family of electron transferases. Patients of the cbl-E complementation group of disorders of folate/cobalamin metabolism are defective in reductive activation of methionine synthase. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]