

Recombinant Human MTR Protein, GST-tagged

Cat. No. MTR-5731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTR partial ORF (NP_000245, 1094 a.a. - 1203 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	MTR encodes the enzyme 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G. [provided by RefSeq]
Molecular Mass	37.84 kDa
AA Sequence	RDYLGLFAVACFGVEELSKAYEDDGDDYSSIMVKALGDRLAEAF AEELHERVRREL WAYCGSEQLDVADLRRLRYKGIRPAPGYPSQPDHTEKLTMWRLADIEQSTGIRL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 MTR 5-methyltetrahydrofolate-homocysteine methyltransferase [Homo sapiens]

Official Symbol MTR

Synonyms MTR; 5-methyltetrahydrofolate-homocysteine methyltransferase; methionine synthase; cblG; cobalamin-dependent methionine synthase; vitamin-B12 dependent methionine synthase; 5-methyltetrahydrofolate-homocysteine methyltransferase 1; MS; FLJ33168; FLJ43216; FLJ45386;

Gene ID 4548

mRNA Refseq NM_000254

Protein Refseq NP_000245

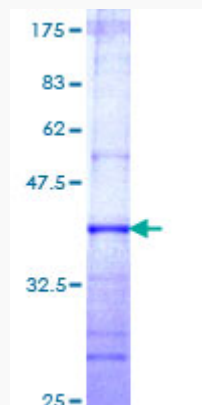
MIM 156570

UniProt ID Q99707

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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