

Recombinant Human MTR protein, GST-tagged

Cat. No. MTR-301155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTR (917-1265 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg917-Asp1265
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	RQGHYESLKERRYLP LSQARKSGFQMDWLSEPHPVKPTFIGTQVFEDYDLQKLVDY IDWKPFDDVWQLRGKYPN RGF PKIFNDKTVGG EARKVYDDAHNMLNTLISQKKLRA RGVVGFWPAQSIQDDIHL YAEAAVPQAAEPIATFYGLRQQA EKDSASTEPYYCLSDF IAPLHSGIRDYLG LFAVACFGVEELSKAYEDDGGDYSSIMVKALGDRLAEAF AEELHE RVRRELWAYCGSEQLDVADLRRLRYKGIRPAPGYPSQPDHTEKLT MWRLADIEQST GIRLTESLAMAPASAVSGLYFSNLKSKYFAVGKISKDQVEDYALRKNISVAEVEKWLG PILGYDTD
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

 Tel: 1-631-559-9269 1-516-512-3133

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

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

Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).
	Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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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