

Recombinant Human MRI1, GST-tagged

Cat. No. MRI1-972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRI1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-369aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MRI1 methylthioribose-1-phosphate isomerase homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	MRI1
Synonyms	MRI1; methylthioribose-1-phosphate isomerase homolog (S. cerevisiae); methylthioribose-1-phosphate isomerase; MGC3207; MTNA; Ypr118w; M1Pi; MTR-1-P isomerase; mediator of RhoA-dependent invasion; S-methyl-5-thioribose-1-

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	phosphate isomerase; translation initiation factor eIF-2B subunit alpha/beta/delta-like protein;
Gene ID	84245
mRNA Refseq	NM_001031727
Protein Refseq	NP_001026897
UniProt ID	Q9BV20
Chromosome Location	19p13.13
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Metabolism of polyamines, organism-specific biosystem; Methionine salvage pathway, organism-specific biosystem;
Function	S-methyl-5-thioribose-1-phosphate isomerase activity; identical protein binding; isomerase activity;