

Recombinant Human MRI1 Protein, MYC/DDK-tagged

Cat. No. MRI1-1551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRI1 Protein was expressed in human HEK293 cells with C-terminal MYC/DDK-tag.
Species	Human
Source	HEK293
Description	This enzyme functions in the methionine salvage pathway by catalyzing the interconversion of methylthioribose-1-phosphate and methylthioribulose-1-phosphate. Elevated expression of the encoded protein is associated with metastatic melanoma and this protein promotes melanoma cell invasion independent of its enzymatic activity. Mutations in this gene may be associated with vanishing white matter disease (VMWD).
Form	Liquid
Molecular Mass	39 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	MRI1 methylthioribose-1-phosphate isomerase homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	MRI1
Synonyms	MRI1; methylthioribose-1-phosphate isomerase homolog (<i>S. cerevisiae</i>); methylthioribose-1-phosphate isomerase; MGC3207; MTNA; Ypr118w; M1Pi; MTR-1-P isomerase; mediator of RhoA-dependent invasion; S-methyl-5-thioribose-1-phosphate isomerase; translation initiation factor eIF-2B subunit alpha/beta/delta-like protein;
Gene ID	84245
mRNA Refseq	NM_001031727
Protein Refseq	NP_001026897
MIM	615105
UniProt ID	Q9BV20

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