Recombinant Human TRDMT1 Protein, GST-tagged

Cat. No. TRDMT1-309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRDMT1 Protein(NP_004403.1) (Met 1-Glu 391) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-391 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 0.5mM PMSF, pH 8.0.
Molecular Mass	The recombinant human TRDMT1/GST chimera consists of 616 amino acids and predicts a molecular mass of 71 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

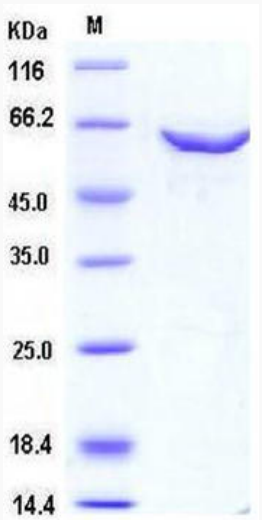
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_004403.1
Unit ID	O14717
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/O14717

GENE INFORMATION

Gene Name	TRDMT1 tRNA aspartic acid methyltransferase 1 [Homo sapiens]
Official Symbol	TRDMT1
Synonyms	TRDMT1; tRNA aspartic acid methyltransferase 1; DNA (cytosine 5) methyltransferase 2, DNMT2; tRNA (cytosine(38)-C(5))-methyltransferase; RNMT1; DNA methyltransferase-2; DNA MTase homolog HsaIIP; tRNA (cytosine-5-)-methyltransferase; DNA (cytosine-5)-methyltransferase-like protein 2; DMNT2; DNMT2; PUMET; MHSAIIP;
Gene ID	1787
mRNA Refseq	NM_004412
protein Refseq	NP_004403
MIM	602478

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SDS-PAGE	

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