

Recombinant Full Length Human DIMT1 Protein, GST-tagged

Cat. No. DIMT1-3788HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DIMT1L full-length ORF (NP_055288.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	313 amino acids
Description	The protein encoded by this gene is a methyltransferase that is responsible for dimethylation of adjacent adenosines near the 18S rRNA decoding site. The encoded protein is essential for ribosome biogenesis, although its catalytic activity is not involved in the process. The yeast ortholog of this protein functions in the cytoplasm while this protein functions in the nucleus. [provided by RefSeq, Jan 2017]
Molecular Mass	61.6 kDa
AA Sequence	MPKVKSGAIGRRRGRQEQRRELKSAGGLMFNTGIGQHILKNPLIINSIIDKAALRPTD VVLEVGPGTGNTVKLLEKAKKVACELDPRLVAELHKRVQGTPVASKLQVLVGDV LKTDLPFFDTCVANLPYQISSPFVKLLLHRPFFRCAILMFQREFALRLVAKPGDKLY CRLSINTQLLARVDHLMKVGKNNFRPPPKVESSVRIEKPKNPPPPINFQEWDLVRIT FVRKNKTLSSAFKSSAVQQLLEKNYRIHCSVHNIIPEDFSIADKIQQILTSTGFSDKRA RSMIDDDFIRLLHGFNAEGIHFS
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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	DIMIT1 DIM1 dimethyladenosine transferase 1 homolog [Homo sapiens (human)]
Official Symbol	DIMIT1
Synonyms	DIMIT1L; DIMT1; DIM1 dimethyladenosine transferase 1 homolog; DIM1; DIMT1L; HUSSY5; HSA9761; probable dimethyladenosine transferase; 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferase; 18S rRNA dimethylase; DIM1 dimethyladenosine transferase 1-like; S-adenosylmethionine-6-N',N'-adenosyl(rRNA) dimethyltransferase; dimethyladenosine transferase; probable 18S rRNA (adenine(1779)-N(6)/adenine(1780)-N(6))-dimethyltransferase; probable 18S rRNA dimethylase; probable S-adenosylmethionine-6-N',N'-adenosyl(rRNA) dimethyltransferase; EC 2.1.1.183
Gene ID	27292
mRNA Refseq	NM_001348076
Protein Refseq	NP_001335005

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MIM	612499
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UniProt ID	Q9UNQ2
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