

Recombinant Human DIMIT1 Protein, GST-tagged

Cat. No. DIMIT1-5154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DIMIT1L full-length ORF (NP_055288.1, 1 a.a. - 313 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 VVLEVGPGTGNMTVKLLEKAKKVACELDPRLVaelhkrvqgtpvasklqvlvgdv LKTDLPFFDTCVANLPYQISSPFVKLLLHRPFFRCAILMFQREFALRLVAKPGDKLY CRLSINTQLLARVDHLMKVGKNNFRPPPKVESSVRIEPKNPPPPINFQEWDLVRIT FVRKNKTLsAAFKSSAVQQLLEKNYRIHCSVHNIIPEDFSIADKIQILTSTGFSDKRA RSMIDDDFIRLLHGFNAEGIHFS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 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

	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	DIMT1 DIM1 dimethyladenosine transferase 1 homolog [Homo sapiens (human)]
Official Symbol	DIMT1
Synonyms	DIMT1L; 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
MIM	612499

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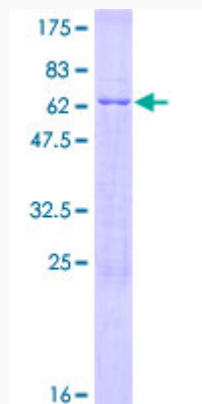
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UniProt ID

Q9UNQ2

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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