

# Recombinant Full Length Human TRDMT1 Protein

**Cat. No.** TRDMT1-529HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Dnmt2 with N terminal proprietary tag, 69.08 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	391 amino acids
<b>Description</b>	This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA, specifically at the cytosine-38 residue in the anticodon loop. This enzyme also possesses residual DNA-(cytosine-C5) methyltransferase activity. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	69.080kDa inclusive of tags
<b>AA Sequence</b>	MEPLRVLELYSGVGGMHHALRESCIPAQVVAIDVNTVAN EVYKYNFPHTQLLAKTI EGITLLEFDRLSFDMLMSPPCQ PFTRIGRQGDMDTSRTNSFLYILDILPRLQKLPKYI LLEN VKGFEVSSTRDLLIQTIENCGFQYQEFLLSPTSLGIPNSR LRYFLIAKLQSEPLP FQAPGQVLMFEPKIESVHPQKYAMD VENKIQEKNVEPNISFDGSIQCSGKDAILFKL ETAEEIHR KNQQDSDLSVKMLKDFLEDDTDVNQYLLPPKSLRLRYALLL DIVQPTCRR SVCFTKGYGSYIEGTGSVLQTAEDVQVENIY KSLTNLSQEEQITKLLILKLRYPKEI ANLLGFPPEFGF PEKITVKQRYRLLGNSLNVHVVAKLKILYE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	Proprietary Purification
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
<b>Storage Buffer</b>	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

<b>Gene Name</b>	TRDMT1 tRNA aspartic acid methyltransferase 1 [ Homo sapiens ]
<b>Official Symbol</b>	TRDMT1
<b>Synonyms</b>	TRDMT1; tRNA aspartic acid methyltransferase 1; DNA (cytosine 5 ) methyltransferase 2 , DNMT2; tRNA (cytosine(38)-C(5))-methyltransferase; RNMT1
<b>Gene ID</b>	1787
<b>mRNA Refseq</b>	NM_004412
<b>Protein Refseq</b>	NP_004403
<b>MIM</b>	602478
<b>UniProt ID</b>	O14717

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA