

# Recombinant Human TRMT2A Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** TRMT2A-191H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | TRMT2A MS Standard C13 and N15-labeled recombinant protein (NP_892029) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | <p>The protein encoded by this gene is of unknown function. However, it is orthologous to the mouse Trmt2a gene and contains an RNA methyltransferase domain.</p> <p>Expression of this gene varies during the cell cycle, with aberrant expression being a possible biomarker in certain breast cancers. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]</p>                                                                       |
| <b>Molecular Mass</b>   | 68.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | <p>MSENLDNEGPKPMESCGQESSALSCTVSVPPAAPAALEEVEKEGAGAATGPGP<br/> QPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRRFLGRFGLQPHKTKLFGQPPCA<br/> FVTFRSAERDKALRVLHGALWKGRPLSVRLARPKADPMARRRRQEGESEPPVTR<br/> VADVVTPLWTPYAEQLERKQLECEQVLQKLAKEIGSTNRALLPWLLEQRHKHNKA<br/> CCPLEGVRPSPQQTEYRNKCEFLVGVGVDGEDNTVGCRLGKYKGGTCAVAAPFDT<br/> VHIPEATKQVVKAQFEFIRSTPYSAYDPETYTGHWKQLTVRTSRRHQAMAIAYFHPQ<br/> KLSPEELAEKTSLAQHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDR<br/> CIHEDLLGLTFRISPHAFFQVNTPAAEVLYTVIQDWAQLDAGSMVLDVCCGTGTIGLA</p> |

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LARKVKRVIGVELCPEAVEDARVNAQDNELSNVEFHCGRAEDLVPTLVSRLASQHLV  
 AILDPPRAGLHSHKVLAIIRAKNLRRLLYVSCNPRAAMGNFVDLCRAPSNRVKGIPFR  
 PVKAVAVDLFPQTPHCEMLILFERVEHPNGTGVLGPHSPPAQPTGPPDNTLQETG  
 TFPSSSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [TRMT2A TRM2 tRNA methyltransferase 2 homolog A \(S. cerevisiae\) \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [TRMT2A](#)

**Synonyms** TRMT2A; TRM2 tRNA methyltransferase 2 homolog A (S. cerevisiae); tRNA (uracil-5-)-methyltransferase homolog A; HpaII tiny fragments locus 9C; HTF9C; tRNA methyltransferase 2 homolog A; hpaII tiny fragments locus 9c protein; MGC102728;

**Gene ID** [27037](#)

**mRNA Refseq** [NM\\_182984](#)

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**Protein Refseq** NP\_892029

**MIM** 611151

**UniProt ID** Q8IZ69

**SDS-PAGE**



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