

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

Cat. No. TRMT2A-6007H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRMT2A MS Standard C13 and N15-labeled recombinant protein (NP_073564) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. 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.
Molecular Mass	68.7 kDa
AA Sequence	MSENLDNEGPKPMESCGQESSALSCPTVSVPPAAPAALEEVEKEGAGAATGPGP QPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRRFLGRFGLQPHKTKLFGQPPCA FVTFRSAERDKALRVLHGALWKGRPLSVRLARPKADPMARRRRQEGESEPPVTR VADVVTPLWTPYAEQLERKQLECEQVLQKLAKEIGSTNRALLPWLLEQRHKHNKA CCPLEGVRPSPQQTEYRNKCEFLVGVGVDGEDNTVGCRLGKYKGGTCAVAAPFDT VHIPEATKQVVKAQFEFIRSTPYSAYDPETYTGHWKQLTVRTSRRHQAMAIAYFHPQ KLSPEELAEKTSLAQHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDR CIHEDLLGLTFRISPHAFFQVNTPAAEVLYTVIQDWAQLDAGSMVLDVCCGTGTIGLA

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LARKVKRVIGVELCPEAVEDARVNAQDNELSNVEFHCGRAEDLVPTLVSRLASQHLV
 AILDPPRAGLHSHKVLAIIRAKNLRRLLYVSCNPRAAMGNFVDLCRAPSNRVKGIPFR
 PVKAVAVDLFPQTPHCEMLILFERVEHPNGTGVLGPHSPPAQPTPGPPDNTLQETG
 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 tRNA methyltransferase 2 homolog A [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_022727

Protein Refseq NP_073564

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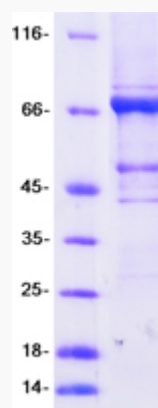
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MIM 611151

UniProt ID Q8IZ69

SDS-PAGE



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