

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

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

SPECIFICATION

Product Overview	TRMT2A MS Standard C13 and N15-labeled recombinant protein (NP_892029) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<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>
Molecular Mass	68.7 kDa
AA Sequence	<pre> MSENLDNEGPKPMESCGQESSALSCTVSVPPAAPAAL EEEVEKEGAGAATGPGP QGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRRFLGRFGLQPHKTKLFGQPPCA FVTFRSAAERDKALRVLHGALWKGRPLSVRLARPKADPMARRRRQEGESEPPVTR VADVVTPLWTVPYAEQLERKQLECEQVLQKLAKEIGSTNRALLPWLLEQRHKHNKA CCPLEGVRPSPQQTEYRNKCEFLVGVGVDGEDNTVGCRLGKYKGGTCAVAAPFDT VHIPEATKQVVKAFQEFIRSTPYSAYDPETYTGHWKQLTVRTSRRHQAMAIAFYHPQ KLSPEELAEKTSLAQHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDR CIHEDLLGLTFRISPHAFFQVNTPAAEVLYTVIQDWAQLDAGSMVLDVCCGTGTIGLA </pre>

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LARKVKRVIGVELCPEAVEDARVNAQDNELSNVEFHCGRAEDLVPTLVSRLASQHLV
 AILDPPRAGLHSHKVLAIARRAKNLRRLLYVSCNPRAAMGNFVDLCRAPSNRVKGIPIFR
 PVKAVAVDLFPQTPHCEMLILFERVEHPNGTGVLGPHSPPAQPTPGPPDNTLQETG
 TFPSSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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; Hpal1 tiny fragments locus 9C; HTF9C; tRNA methyltransferase 2 homolog A; hpall tiny fragments locus 9c protein; MGC102728;

Gene ID 27037

mRNA Refseq NM_182984

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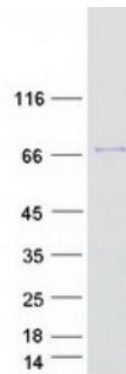
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Protein Refseq NP_892029

MIM 611151

UniProt ID Q8IZ69

SDS-PAGE



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