

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

MSENLDNEGPKPMESCGQESSALSCTVSVPPAAPAAL EEEVEKEGAGAATGPGP
 QPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRRFLGRFGLQPHKTKLFGQPPCA
 FVTFRSAERDKALRVLHGALWKGRPLSVRLARPKADPMARRRRQEGESEPPVTR
 VADVVTPLWTPYAEQLERKQLECEQVLQKLAKEIGSTNRALLPWLLEQRHKHNKA
 CCPLEGVRPSPQQTEYRNKCEFLVGVGVDGEDNTVGCRLGKYKGGTCAVAAPFDT
 VHIPEATKQVVKAFQEFIRSTPYSAYDPETYTGHWKQLTVRTSRRHQAMAIAYFHPQ
 KLSPEELAEKTSLAQHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDR
 CIHEDLLGLTFRISPHAFFQVNTPAAEVLYTVIQDWAQLDAGSMVLDVCCGTGTIGLA

 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

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

Gene ID 27037

mRNA Refseq NM_022727

Protein Refseq NP_073564

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

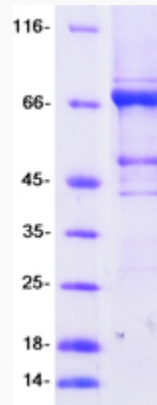
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 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 611151

UniProt ID Q8IZ69

SDS-PAGE



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