

Datasheet for ABIN2729774

PRMT1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



[Go to Product page](#)

1 Image

Overview

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| Quantity: | 20 µg |
| Target: | PRMT1 |
| Protein Characteristics: | Transcript Variant 2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PRMT1 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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| Characteristics: | <ul style="list-style-type: none">• Recombinant human Protein arginine methyltransferase 1 (PRMT1), transcript variant 2 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone |
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| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
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Target Details

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| Target: | PRMT1 |
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| Abstract: | PRMT1 Products |
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| Background: | This gene encodes a member of the protein arginine N-methyltransferase (PRMT) family. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl |
|-------------|---|

Target Details

groups from S-adenosyl-L-methionine to terminal guanidino nitrogen atoms. The encoded protein is a type I PRMT and is responsible for the majority of cellular arginine methylation activity. Increased expression of this gene may play a role in many types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5.

Molecular Weight: 42.3 kDa

NCBI Accession: [NP_938075](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

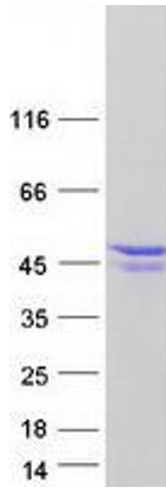
Handling

Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot