

# Recombinant Human DNMT3A

Catalog No: #GP11097



Package Size: #GP11097-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human DNMT3A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human DNA (cytosine-5-)-methyltransferase 3 alpha
Target Name	DNA (cytosine-5-)-methyltransferase 3 alpha
Other Names	DNMT3A2; M.HsaIIIA
Accession No.	Swissprot:Q9Y6K1 Gene Accession:BC043617
Uniprot	Q9Y6K1
GeneID	1788;
Storage	-20~-80°C, pH 7.6 PBS

## Background

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. Alternative splicing results in multiple transcript variants encoding different isoforms.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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