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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DNMT3A (Human) Recombinant Protein (P01)

Catalog Number: H00001788-P01

Regulation Status: For research use only (RUO)

Product Description: Human DNMT3A full-length ORF (NP_072046.2, 1 a.a. - 912 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPAMPSSGPGDTSSSAEREEDRKDGEEQEEPRGKE
ERQEPSTTARKVGRPGRKRKHPPVESGDTPKDPAVIS
KSPSMAQDSGASELLPNGDLEKRSEPQPEEGSPAGG
QKGGAPAEGEGAAETLPEASRAVENGCCTPKEGRGA
PAEAGKEQKETNIESMKMEGSRGRLRGGLGWESSLR
QRPMPRLTFQAGDPYYISKRRKDEWLRWKREAEKK
AKVIAGMNAVEENQGPGESQKVEEASPPAVQQPTDP
ASPTVATTPEPVGSDAGDKNATKAGDDEPEYEDGRG
FGIGELVWGKLRGFSWWPGRIVSWWMTGRSRAAEG
TRWVMWFGDGKFSVVCVEKLMPLSSFCSAFHQATYN
KQPMYRKAIYEVLVQASSRAGKLFVCHDSDESDTAK
AVEVQNKPMIEWALGGFQPSGPKGLEPPEEEKNPYK
EYVYDMWVEPEAAAYAPPPPAKPRKSTAEKPKVKEII
DERTRERLVYEVQRQCRNIEDICISGSLNVTLEHPLFV
GGMCQNCKNCFLECAQQYDDDDGYQSYCTICCGGREV
LMCGNNCCRCFCVECVDLLVGPAAQAAIKEDPWN
CYMCGHKGTYGLLRREDWPSRLQMFFANNHDQEF
DPPKVYPPVPAEKRPKIRVLSLFDGIATGLLVKDLGIQ
VDRIYASEVCEDSITVGMVRHQGKIMYVGDVRSVTQK
HIQEWGPFDLVIGGSPCNDLSIVNPARKGLYEGTGRLF
FEFYRLLHDARPKEGDDRPFFWLFENVVAMGVSDKR
DISRFLESNPVMIDAKEVSAHRARYFWGNLPGMNRP
LASTVNDKLELQECLEHGRIAKFSKVRTITTRSNSIKQG
KDQHFPVFMNEKEDILWCTEMERVFVGFVHYTDVSN
MSRLARQLLGRSWSVPVIRHLFAPLKEYFACV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 128.3

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1788

Gene Symbol: DNMT3A

Gene Alias: DNMT3A2, M.Hsa111A

Gene Summary: 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. [provided by RefSeq]