

Recombinant Human DNMT3A, His-tagged

Cat. No. DNMT3A-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNMT3A protein(NP_072046.2)(680-902aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	680-902aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	29.9kDa
AA Sequence	KIMYVGDVRSVTQKHIEWGPFDLVIGGSPCNDLSIVNPARKGLYEGTGRLFFEFYR LLHDARPKEGDDRPFFWLFENVVAMGVSDKRDISRFLSNPVMIDAKEVSAAHRAR YFWGNLPGMNRPLASTVNDKLELQECLEHGRIAKFSKVRTITTRSNSIKQGKDQHFP VFMNEKEDILWCTEMERVFGFPVHYTDVSNMSRLARQRLGRSWSVPVIRHLF
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

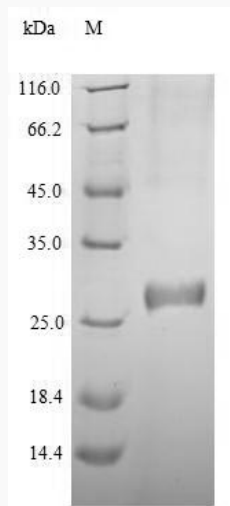
GENE INFORMATION

Gene Name	DNMT3A DNA (cytosine-5-)-methyltransferase 3 alpha [Homo sapiens]
Official Symbol	DNMT3A
Synonyms	DNMT3A; DNA (cytosine-5-)-methyltransferase 3 alpha; DNA (cytosine-5)-methyltransferase 3A; DNA MTase HsaIIIA; DNA cytosine methyltransferase 3A2; DNMT3A2; M.HsaIIIA;
Gene ID	1788
mRNA Refseq	NM_022552.4
Protein Refseq	NP_072046.2
MIM	602769
UniProt ID	Q9Y6K1

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SDS-PAGE

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