

Recombinant Human DNMT3L protein, His-tagged

Cat. No. DNMT3L-12111H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNMT3L protein(1-386 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-386 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MAAIPALDPEAEPSMDVILVGSSSELSSSVSPGTGRDLIAYEVKANQRNIEDICICCGSL QVHTQHPLFEGGICAPCKDKFLDALFLYDDDGYSYCSICCSGETLLICGNPDCTRC YCFECVDSL VGPGTSGK VHAMSNWVCYLCLPSSRSGLLQRRRKWRSQ LKAFYDRE SENPLEMFETVPVWRRQPVRVLSLFEDIKKELTSLGFLESGSDPGQLKHVVDTVDTV RKDVEEWGPFDLVYGATPPLGHTCDRPPSWYLFQFHRLLQYARPKPGSPGPFFW MFVDNLVLNKEDLDVASRFLEMEPV TIPDVHGGSLQNAVRVWSNIPAIRSRHWALVS EEELSLLAQNKQSSKLA AKWPTKL VKNCFLPLREYFKYFSTELTSSL
Purity	70%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

DNMT3L DNA (cytosine-5-)-methyltransferase 3-like [Homo sapiens]

Official Symbol

DNMT3L

Synonyms

DNMT3L; DNA (cytosine-5-)-methyltransferase 3-like; DNA (cytosine-5)-methyltransferase 3-like; cytosine 5 methyltransferase 3 like protein; human cytosine 5 methyltransferase 3 like protein; MGC1090; cytosine-5-methyltransferase 3-like protein; human cytosine-5-methyltransferase 3-like protein;

Gene ID

29947

mRNA Refseq

NM_013369

Protein Refseq

NP_037501

MIM

606588

UniProt ID

Q9UJW3

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SDS-PAGE

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