Active Recombinant Human DNMT3A& Full Length DNMT3L Protein, N-6xHis-FLAG & N-6xHis tag

Cat. No. DNMT3A/DNMT3L-0294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DNMT3A Protein(NP_783328.1)(214-912 aa) with an N-terminal 6xHis Tag and FLAG-Tag and full length DNMT3L (NP_787063.1) with an N-terminal 6xHis Tag was expressed in Sf9 cells.
Species	Human
Source	Insect Cells
ProteinLength	214-912 aa(DNMT3A)& full length(DNMT3L)
Combining capacity	Please refer to product insert upon arrival for lot-specific concentration.
Form	Supplied in 25 mM Hepes pH 7.5, 300 mM NaCl, 5% Glycerol, 0.04% Triton X-100, 0.2 mM TCEP and 0.2 mg/ml 3× Flag peptide.
Bio-activity	Recombinant DNMT3A / DNMT3L complex activity assay Recombinant DNMT3A / DNMT3L complex activity was measured using DNMT Activity / Inhibition Assay, for 1 hour at 37°C.
Molecular Mass	The molecular weights of DNMT3A and DNMT3L are 83.8 kDa and 46.6 kDa, respectively.
Purity	>95% pure by SDS-PAGE.

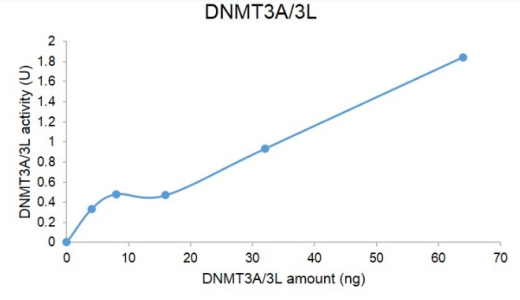
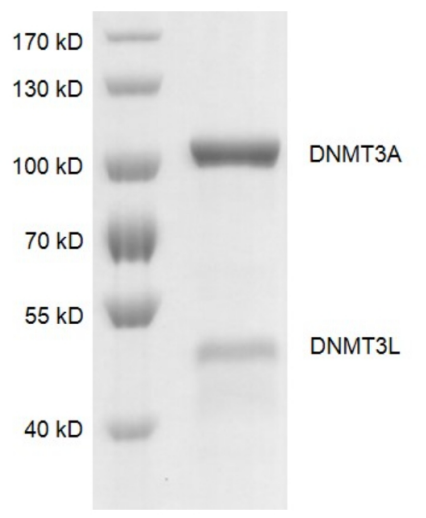
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Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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
Protein Refseq	NP_072046
MIM	602769
UniProt ID	Q9Y6K1

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Activity	
SDS-PAGE	

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