

Active Recombinant Human DNMT3A Protein, N-6xHis-FLAG-tagged

Cat. No. DNMT3A-391H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human DNMT3A Protein (NP_783328.1)(214-912 aa) was expressed in Sf9 cells and contains an N-terminal 6xHis Tag and FLAG-Tag.
Species	Human
Source	Insect Cells
ProteinLength	214-912 aa
Form	Supplied in 25 mM Tris pH 8.0, 500 mM NaCl, 5% Glycerol, 0.04% Triton X-100, 1mM DTT and 0.2 mg/ml 3× Flag peptide.
Bio-activity	Recombinant DNMT3A protein activity assay Recombinant DNMT3A protein activity was measured using DNMT Activity / Inhibition Assay, Active Motif, for 1 hour at 37°C.
Molecular Mass	83.8 kDa
Purity	>95% pure by SDS-PAGE.
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.

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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;

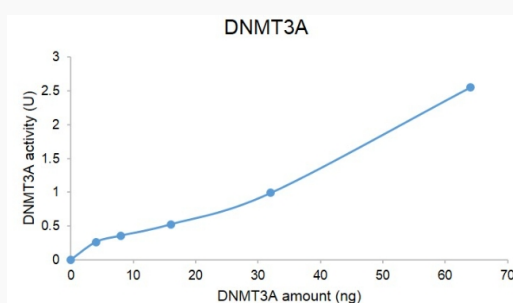
Gene ID 1788

mRNA Refseq NM_022552

Protein Refseq NP_072046

MIM 602769

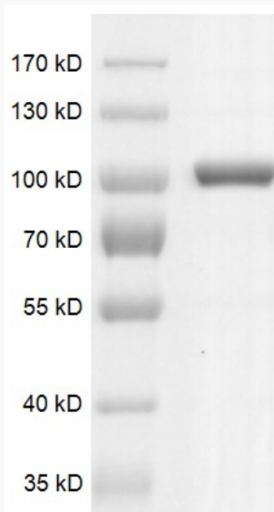
UniProt ID Q9Y6K1

Activity


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SDS-PAGE

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