

Active Recombinant Full Length Human DNMT1 Protein, N-6xHis-FLAG-tagged

Cat. No. DNMT1-02H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Full Length Human DNMT1 Protein (NP_001370.1) was expressed in Sf9 cells and contains an N-terminal 6xHis Tag and FLAG-Tag.
Species	Human
Source	Insect Cells
Form	Supplied in 25 mM HEPES-NaOH pH 7.5, 500 mM NaCl, 10% glycerol, 0.04% Triton X-100, and 0.5 mM TCEP.
Bio-activity	Recombinant DNMT1 protein activity assay Assay was performed using DNMT Activity / Inhibition Assay, Active Motif. The substrate, AdoMet and DNMT1 were incubated for 1 hour at 37°C. The whole reactions were developed for 4 min.
Molecular Mass	188.2 kDa
Purity	>90% 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.
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.

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GENE INFORMATION

Gene Name DNMT1 DNA (cytosine-5-)-methyltransferase 1 [Homo sapiens]

Official Symbol DNMT1

Synonyms DNMT1; DNA (cytosine-5-)-methyltransferase 1; DNMT; DNA (cytosine-5)-methyltransferase 1; CXXC9; MCMT; m.Hsal; DNA MTase Hsal; CXXC finger protein 9; DNA methyltransferase 1; DNA methyltransferase Hsal; CXXC-type zinc finger protein 9; AIM; HSN1E; FLJ16293; MGC104992;

Gene ID 1786

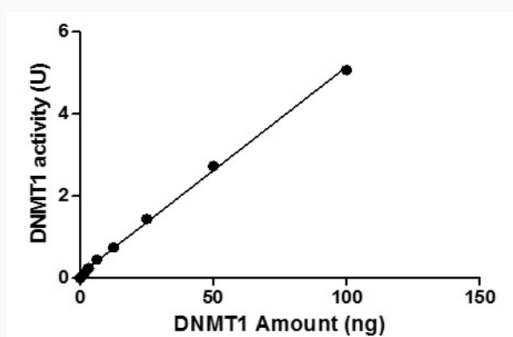
mRNA Refseq NM_001130823

Protein Refseq NP_001124295

MIM 126375

UniProt ID P26358

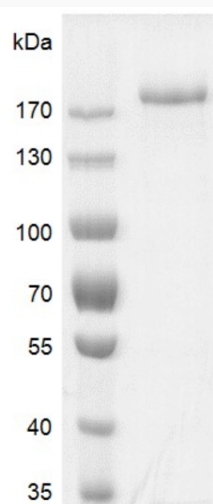
Activity



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SDS-PAGE

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