

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Form</b>	Supplied in 25 mM HEPES-NaOH pH 7.5, 500 mM NaCl, 10% glycerol, 0.04% Triton X-100, and 0.5 mM TCEP.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	188.2 kDa
<b>Purity</b>	>90% pure by SDS-PAGE.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

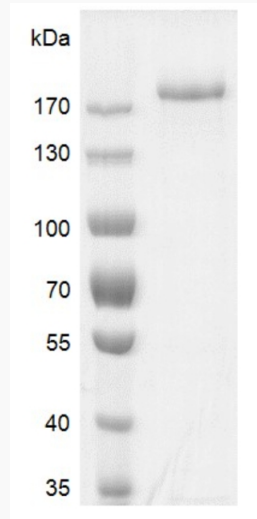
<b>Gene Name</b>	DNMT1 DNA (cytosine-5-)-methyltransferase 1 [ Homo sapiens ]
<b>Official Symbol</b>	DNMT1
<b>Synonyms</b>	DNMT1; DNA (cytosine-5-)-methyltransferase 1; DNMT; DNA (cytosine-5)-methyltransferase 1; CXXC9; MCMT; m.Hsal; DNA MTase Hsal; CXXC finger protein 9; DNA methyltransferase 1; DNA methyltransferase Hsal; CXXC-type zinc finger protein 9; AIM; HSN1E; FLJ16293; MGC104992;
<b>Gene ID</b>	1786
<b>mRNA Refseq</b>	NM_001130823
<b>Protein Refseq</b>	NP_001124295
<b>MIM</b>	126375
<b>UniProt ID</b>	P26358

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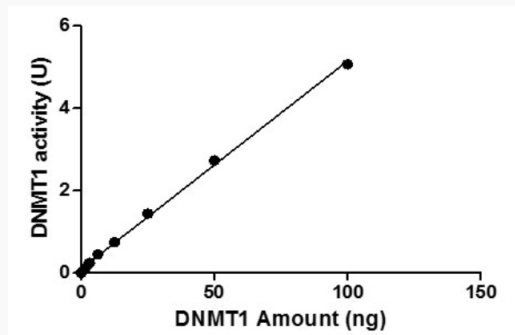
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**SDS-PAGE**



**Activity**



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