

DNA Methyltransferase 1 (DNMT1) Recombinant Protein | DNMT1 recombinant protein

Recombinant DNA Methyltransferase 1 (DNMT1)

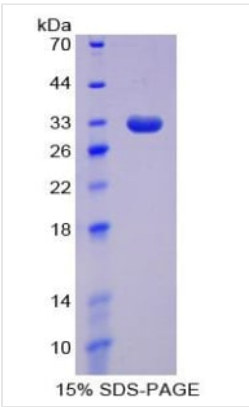
CATALOG # AAA135491	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

DNA Methyltransferase 1 (DNMT1); Recombinant DNA Methyltransferase 1 (DNMT1); DNMT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Applicable Applications for DNMT1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val1343~Leu1570
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Original Concentration	400ug/mL
Predicted isoelectric point	9.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

VVVDKKF
VSNITRLSSG PFRITIVRDT MSDLPEVRNG ASALEISYNG EPQSWFQRQL
RGAQYQPILR DHICKMSAL VAARMRHIPL APGSDWRDLP NIEVRLSDGT
MARKLRYTHH DRKNGRSSG ALRGVCSCVE AGKACDPAAR QFNTLIPNCL
PHTGNRHNHW AGLYGRLEWD GFFSTTVTNP EPMGKQGRVL HPEQHRVSV
RECARSQGFP DTYRLFGNIL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	195927037
NCBI GeneID	1786
NCBI Accession #	NP_001124295.1
NCBI GenBank Nucleotide #	NM_001130823.1
UniProt Accession #	P26358; Q9UHG5; Q9ULA2; Q9UMZ6; A0AV63; B7ZLW6
Molecular Weight	Predicted Molecular Mass: 29.6kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 1 isoform a
NCBI Official Synonym Full Names	DNA (cytosine-5-)-methyltransferase 1
NCBI Official Symbol	DNMT1
NCBI Official Synonym Symbols	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 1; DNA (cytosine-5)-methyltransferase 1; m.HsaI; DNA MTase HsaI; DNA methyltransferase HsaI; CXXC-type zinc finger protein 9
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 1
UniProt Gene Name	DNMT1
UniProt Synonym Gene Names	AIM; CXXC9; DNMT; Dnmt1; DNA MTase HsaI; M.HsaI
UniProt Entry Name	DNMT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.