

Recombinant Human DNMT3B protein, GST-tagged

Cat. No. DNMT3B-74H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNMT3B protein, fused with N-terminal GST tag, was expressed in insect cell.
Species	Human
Source	Insect Cells
ProteinLength	2-853
Form	50 mM Tris/HCl pH 8.0, 150 mM NaCl, 3 mM DTT, 10% glycerol (v/v).
Molecular Mass	121.6 kDa
Storage	Store at -80°C. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	DNMT3B DNA (cytosine-5-)-methyltransferase 3 beta [Homo sapiens]
Official Symbol	DNMT3B
Synonyms	DNMT3B; DNA (cytosine-5-)-methyltransferase 3 beta; DNA (cytosine-5)-methyltransferase 3B; DNA MTase HsallIB; DNA methyltransferase HsallIB; ICF; ICF1; M.HsallIB;

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Gene ID	1789
mRNA Refseq	NM_001207055
Protein Refseq	NP_001193984
MIM	602900
UniProt ID	Q9UBC3
Chromosome Location	20q11.2
Pathway	Cysteine and methionine metabolism, organism-specific biosystem; Cysteine and methionine metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Methionine degradation, organism-specific biosystem; Methionine degradation, conserv
Function	DNA (cytosine-5-)-methyltransferase activity; DNA (cytosine-5-)-methyltransferase activity; DNA (cytosine-5-)-methyltransferase activity; DNA (cytosine-5-)-methyltransferase activity, acting on CpG substrates; DNA binding; DNA-methyltransferase activity;