

Recombinant Human DNMT3B protein, GST-tagged

Cat. No. DNMT3B-3712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNMT3B protein(1-100 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-100 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MKGDTRHLNGEEDAGGREDSILVNGACSDQSSDSPPILEAIRTPAIRGRRSSSRSLK REVSSLLSYTQDLTGDDGDDGSDTPVMPKLFRETRTRSES
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

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;
Gene ID	1789
mRNA Refseq	NM_001207055
Protein Refseq	NP_001193984
MIM	602900
UniProt ID	Q9UBC3

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