

DNMT3B Protein, Human, Recombinant (GST)

General Information

Protein Construction:	Recombinant full length human DNMT3B was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species:	Human
Expression Host:	Baculovirus-Insect Cells
Accession:	Q9UBC3
Molecular Weight:	~138 kDa

QC Testing

Representative specific activity data for DNMT3B were obtained using different assay formats:

Biological Activity:	- 450 nmol/min/mg, determined by radioactive kinase assay - 97 nmol/min/mg, determined by MTase-Glo methyltransferase assay, corresponding to 600 pmol/min/mg in radioactive kinase assay
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Different lots may be tested using different assay methods; therefore, values obtained using different assay formats are not directly comparable.

Purity: >80% as determined by SDS-PAGE.

Formulation: Supplied as sterile 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25% glycerol.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Enzymes are highly recommended to be shipped at frozen temperature with dry ice. Shipment made at ambient temperature may seriously affect the activity of the ordered products.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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