

DNA Cytosine-5--Methyltransferase 3-Like Human Recombinant

Item Number	rAP-2033
Synonyms	DNMT3L, DNA (Cytosine-5-)-Methyltransferase 3-Like, Human Cytosine-5-Methyltransferase 3-Like Protein 11, Cytosine-5-Methyltransferase 3-Like Protein, DNA (Cytosine-5)-Methyltransferase 3-Like.
Description	DNMT3L Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 411 amino acids (1-386) and having a molecular mass of 46.2kDa. DNMT3L is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UJW3
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSEFMAAIP ALDPEAEPSM DVILVGSSSEL SSSVSPGTGR DLI- AYEVKAN QRNIEDICIC CGSLQVHTQH PLFEGGICAP CKDKFLDALF LYDDDGYQSY CSICCSGETL LICGNPDCTR CYCFECVDSL VGPGTSGKVH AMSNWVCYLC LPSSRSGLLQ RRRKWRSQK AFYDRESENP LEMFETVPVW RRQPVRVLSL FEDIKKELTS LGFLESGSDP GQLKHVVDVT DTVRK- DVEEW GPFDLVYGAT PPLGHTCDRP PSWYLFQFHR LLQYARPKPG SPRPFFWMFV DNLVLNKEDL DVASRFLEME PVTIPDVHGG SLQNAVRVWS NIPAIRSRHW ALVSEEEELS LAQNKQSSKL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The DNMT3L solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**