



# Recombinant Acetobacter pasteurianus Modification methylase ApaLI (apaLIM)

<b>Product Code</b>	CSB-EP523812AVW-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O52702
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Acetobacter pasteurianus (Acetobacter turbidans)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNKDEVVSL FAGAGGFSSG FSQAGLKPLF GAEINADACQ TYQENVGSPC HQLDLSTVDP SHIEMLTGGK RPFVVI GGPP CQGFASTAGPR NFADPRNLLI FNYLNIVERL SPRWLIFENV EGLLTSGGGR DLARLVREFV DMGYSVRLQK VNLAAYGVPQ TRKRVLIGN RLGIDFQFPE ELYSFD SGKA KKASGKPLAP SLAEAVAGLG PAASDKDALV PYASSEPVNA FDARMRAGNR VEVVTHHVRV EAAERMQVEL LKPGQTMKDL PPELWHESYR RRANRRVSDG TPTEKRGGAP SGIKRLHGNL QSLTITGPAA REFIHPTEHR PLTIRECARI QTFDPKYRWV GNNASVIQQI GNAVPPAAE RLAKHLRDID GSGFADTRPA GAMSAKLLGF VLTEALGMSP ALKSTEALLA EMHQGGFVF
<b>Source</b>	E.coli
<b>Target Names</b>	apaLIM
<b>Protein Names</b>	Recommended name: Modification methylase ApaLI Short name= M.ApaLI EC= 2.1.1.37 Alternative name(s): Cytosine-specific methyltransferase ApaLI
<b>Expression Region</b>	1-429
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.