



Recombinant *Colwellia psychrerythraea* DNA polymerase IV (dinB)

Product Code	CSB-EP676401CBAB-B
Abbreviation	dinB
Storage	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.
Uniprot No.	Q487H6
Product Type	Recombinant Protein
Immunogen Species	<i>Colwellia psychrerythraea</i> (strain 34H / ATCC BAA-681) (<i>Vibrio psychroerythus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MGNQKKIIHI DMDCFYAAIE MRDFPEYQNI PLAVGGDGPR SVLCTSNYQA RQFGVRSAMP AIKAKQLCPH LKIVHGRMDV YKETSKNIRE IFSRYTDLIE PLSLDEAYLD VTDATMCQGS ATLIAERIRA DIFNELNLTA SAGIAPNKFL AKIASDENKP NGQCVITPK VANFVEQLSL KKIPIGPKT FEKLNHRHGYV TCADVRQSN RALQNVGKF ANSLYLKSHG VDNRDLEVSQRKSLAIETT LAHDISTQDE CKLVIDSLYQ KLLTRLAPHS NREIIRQGVK LKFTDFNQTT VETQSNECQQ ALFISLLSKA YSRSNKRGVR LVGLTLGFAD SPGESQQLSL SL
Source	E.coli
Target Names	dinB
Protein Names	Recommended name: DNA polymerase IV Short name= Pol IV EC= 2.7.7.7
Expression Region	1-352
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.