



Recombinant *Bacillus cereus* DNA polymerase IV (dinB)

Product Code	CSB-EP714344BAAD-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.	Q635E0
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus cereus</i> (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MSTMREMPK KGRVILHVDM NCFASVEIA HDSSLQGKPL AVAGNEKERK GIIITCSYEA REYGIRTTMP LWEAKRLCPQ LIVRRPNFTL YREASFQMFQ ILSRFTEKIQ PVSIDEGYLD ITDCYALGSP LEIAKMIQQA LTELQLPCS IGIAPNLFLA KTASDMKKPL GITVLRKRD IPEMIWPLPVG AMHGIGEKTA EKLNDIHIQT IEQLAKGNEH IIRAKIGKHG VDLQRRAKGM DDRQVDPSQM GQHKSVMNSM TFSKDMDEEK ELLDMLERLS KSVSKRLQKR TLVSYNIQIM IKYHDRRTVT RSKQLKNAIW EERDIFQAAS RLWKQHWGDG SVRLLGVTAT EIEWKTESVK QLDFSFEEED AKEEPLAVI DQINDKYGMP LLQRGSQLLR KQEKSFQQKL ESKFM
Source	E.coli
Target Names	dinB
Protein Names	Recommended name: DNA polymerase IV Short name= Pol IV EC= 2.7.7.7
Expression Region	1-415
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.