

ATP-dependent DNA helicase PcrA Recombinant Protein | pcrA recombinant protein

Recombinant Geobacillus stearothermophilus ATP-dependent DNA helicase PcrA

CATALOG # AAA114374	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

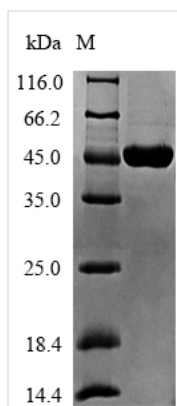
PRODUCT SYNONYMS

ATP-dependent DNA helicase PcrA; Recombinant Geobacillus stearothermophilus ATP-dependent DNA helicase PcrA; Geobacillus stearothermophilus (Bacillus stearothermophilus); pcrA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	10-289aa, Partial
Sequence	AHLNKEQQEA VRTTEGPLLI MAGAGSGKTR VLTHRIAYLM AEKHVAPWNI LAITFTNAAA REMRERVQSL LGGAEDVWI STFHSMCVRI LRRDIDRIGI NRNFSILDPT DQLSVMKTIL KEKNIDPKKF EPRTILGTIS AAKNELLPE QFAKRASTYY EKVSDVYQE YQQRLLRNHS LDFDDLIMTT IQLFDRVPDV LHYYQYKFQY IHIDEYQDTN RAQYTLVKKL AERFQNICAV GDADQSIYRW RGADIQNILS FERDYPNAKV ILLEQNYRST
Species	Geobacillus stearothermophilus (Bacillus stearothermophilus)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for pcrA recombinant protein	DNA helicase. Has a broad nucleotide specificity, even being able to hydrolyze ethenonucleotides, and is able to couple the hydrolysis to unwinding of DNA substrates. It is a 3'-5' helicase but at high protein concentrations it can also displace a substrate with a 5' tail. Preferred substrate being one with both single and double-stranded regions of DNA.
References	"Characterisation of Bacillus stearothermophilus PcrA helicase: evidence against an active rolling mechanism." Bird L.E., Brannigan J.A., Subramanya H.S., Wigley D.B. Nucleic Acids Res. 26:2686-2693(1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	3024353
UniProt Accession #	P56255
Molecular Weight	34.6 kDa
NCBI Official Full Name	ATP-dependent DNA helicase PcrA
UniProt Protein Name	ATP-dependent DNA helicase PcrA
UniProt Gene Name	pcrA
UniProt Entry Name	PCRA_GEOSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pcra-recombinant-protein-e-coli/114374>