

Replication initiation protein Recombinant Protein | repD recombinant protein

Recombinant Staphylococcus aureus Replication initiation protein

CATALOG # AAA115817	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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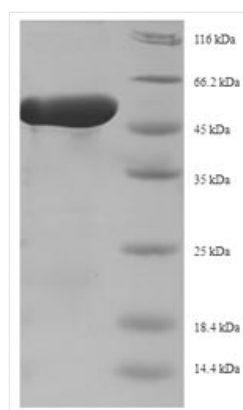
PRODUCT SYNONYMS

Replication initiation protein; Recombinant Staphylococcus aureus Replication initiation protein; Staphylococcus aureus; repD 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	1-311aa; Full Length
Sequence	MSTENHSNYL QNKDLDNFSK TGYSNSRLSG NFFFTPQPEL SFDAMTIVGN LNKTNACKLS DFMSTEPQIR LWDILQTKFK AKALQEKVYI EYDKVKADSW DRRNMRVEFN PNKLTHEEML WLKQNIIDYM EDDGFTRLDL AFDFEDDLSD YYAMTDKAVK KTIFYGRNGK PETKYFGVRD SDRFIRIYNK KQERKDNADV EVMSEHLWRV EIELKRDMVD YWNCDFDDLH ILKPDWTTPE KVKEQAMVYL LLNEEGTWGK LERHAKYKYK QLIKEISPID LTELMKSTLK ENEQLQKQI DFWQREFRFW K
Sequence Length	311
Species	Staphylococcus aureus
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 repD recombinant protein	This protein is probably a specific topoisomerase involved in initiating replication. This protein is specifically required and may be rate-limiting for replication of the plasmid in vivo.
References	"The use of synthetic oligonucleotides with universal templates for rapid DNA sequencing: results with staphylococcal replicon pC221." Brenner D.G., Shaw W.V. EMBO J. 4:561-568(1985)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10956164
NCBI GeneID	3355242
NCBI Accession #	NP_052693.1
NCBI GenBank Nucleotide #	NC_002129.1
UniProt Accession #	P03065
Molecular Weight	53.5 kDa
NCBI Official Full Name	hypothetical protein pC221_p2 (plasmid)
NCBI Official Symbol	pC221_p2
NCBI Protein Information	hypothetical protein
UniProt Protein Name	Replication initiation protein
UniProt Gene Name	repD
UniProt Entry Name	REPD_STAAU

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.

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Online datasheet: <https://stage.aaabiotech.com/repd-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115817>