

Single-strand DNA-binding protein (virE2) Recombinant Protein | virE2 recombinant protein

Recombinant Agrobacterium fabrum Single-strand DNA-binding protein (virE2)

CATALOG # AAA18644	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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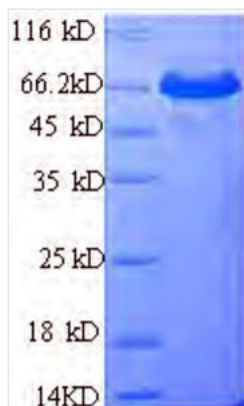
PRODUCT SYNONYMS

Single-strand DNA-binding protein (virE2); Recombinant Agrobacterium fabrum Single-strand DNA-binding protein (virE2); 63.5 kDa virulence protein; virE2 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	1-556aa; Full Length
Sequence	MDPKAEGNGE NITETAAGNV ETSDFVNLKR QKREGVNSTG MSEIDMTGSQ ETPHEHNMHGS PTHTDLDGPR LDADMLDSQS SHVSSSAQGN RSEVENELSN LFAKMALPGH DRRTDEYILV RQTGQDKFAG TTKCNLDHLP TKAEFNASCR LYRDGVGNYY PPPLAFERID IPEQLAAQLH NLEPREQSKQ CFQYKLEVWN RAHAEMGITG TDIFYQTDKN IKLDRNYKLR PEDRYIQTEK YGRREIQKRY EHQQAGSLL PDILIKTPQN DIHFSYRFAG DAYANKRFEE FERAIKTKYG SDTEIKLKS SKGIMHDSKYL ESWERGSADI RFAEFAGENR AHNKQFPAAT VNMGRQPDGQ GGMTRDRHVS VDYLQNLNPN SPWTQALKEG KLWDRVQVLA RDGNRYMSPS RLEYSDEPHF TQLMDQVGLP VSMGRQSHAN SVKFEQFDRQ AAVIVADGPN LREVPDLSPE KLQQLSQKDV LIADRNEKGQ RTGTYTNVVE YERLMMKLPS DAAQLLAEPS DRYSRFVVR EPALPPISDS RRTYESRPRG PTVNSL
Species	Agrobacterium tumefaciens (strain C58 / # 33970)
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 virE2 recombinant protein	Involved in DNA transformation; mediates the nuclear uptake of single-stranded DNA copies of the transferred DNA (T-DNA) element. Binds single-stranded but not double-stranded DNA regardless of nucleotide sequence composition.
References	"Characterization of the virE locus of Agrobacterium tumefaciens plasmid pTiC58." Hirooka T., Rogowsky P.M., Kado C.I. J. Bacteriol. 169:1529-1536(1987)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16119805
NCBI GeneID	1137513
NCBI Accession #	NP_396510.1
NCBI GenBank Nucleotide #	NC_003065.3
UniProt Accession #	P08062
Molecular Weight	65.3 kDa
NCBI Official Full Name	type IV secretion system single-stranded DNA binding protein VirE2 (plasmid)
NCBI Official Symbol	virE2
NCBI Protein Information	type IV secretion system single-stranded DNA binding protein VirE2
UniProt Protein Name	Single-strand DNA-binding protein
UniProt Gene Name	virE2
UniProt Entry Name	VIRE2_AGRFC

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.