

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



Catalog No: #AP73729

Orders: order@abscitech.com

Package Size: #AP73729-1 10ug #AP73729-2 50ug #AP73729-3 100ug #AP73729-4 200ug #AP73729-5 500ug #AP73729-6 1mg

Support: tech@abscitech.com

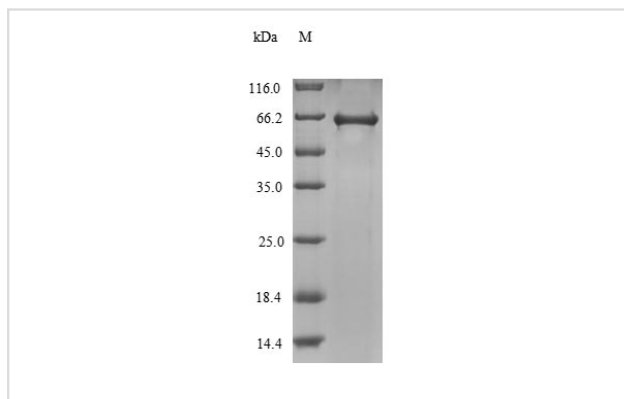
Description

Product Name	Recombinant Agrobacterium tumefaciens Single-strand DNA-binding protein(virE2)
Brief Description	Recombinant Protein
Host Species	Yeast
Target Name	virE2
Other Names	63.5 kDa virulence protein
Accession No.	Uniprot ID: P08062
Target Species	Agrobacterium tumefaciens (strain C58 / ATCC 33970)
SDS-PAGE MW	65.34kDa
Target Length	Full Length, 1-556aa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MDPKAEGNGENITETAAGNVETSDFVNLKRQKREGVNSTGMSEIDMTGSQETPEHNMHGSPHTDLDGPRL DADMLDSQSSHVSSSAQGNRSEVENELSNLFAKMALPGHDRRTDEYILVRQTGQDKFAGTTKCNLDHLPTKA EFNASCRLYRDGVGNYYPPPLAFERIDIPEQLAAQLHNLEPREQSKQCFQYKLEVWNRHAHAEMGITGTDIFYQ TDKNIKLD RNYKL RPEDRYIQTEKYGRREIQKRYEHQFQAGSLLPDILIKTPQNDIHFSYRFAGDAYANKRFEFF ERAIKTKYGS DTEIKLKSKSGIMHDSKYLESWERGSADIRFAEFAGENRAHNKQFPAATVNMGRQPDGQGGM TRDRHVSVDYLLQNLPNSPWTQALKEGKLWDRVQVLARDGNRYMSPSRLEYS DPEHFTQLMDQVGLPVSM GRQSHANSVKFEQFDRQAAVIVADGPNLREV PDL SPEKLQQLSQKDVL IADRNEKGQRTGT YTNVVEYERLM MKLP SDA AQL LAEP SDRYSRAFVRPEPALPPISDSRRTYESRPRGPTVNSL
Formulation	Tris-based buffer, 50% glycerol
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.

Application Details

Greater than 90% as determined by SDS-PAGE.

Images



Background

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)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.