

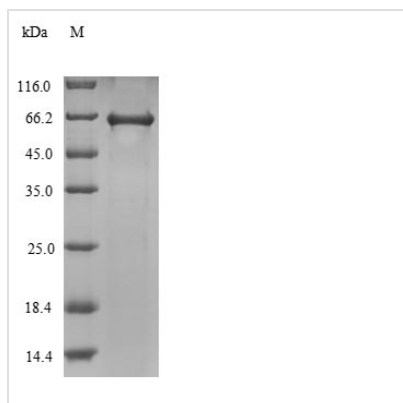


Recombinant *Agrobacterium fabrum* Single-strand DNA-binding protein (virE2)

Product Code	CSB-YP357288AYS
Relevance	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.
Abbreviation	Recombinant <i>Agrobacterium fabrum</i> virE2 protein
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.	P08062
Alias	63.5 kDa virulence protein
Product Type	Recombinant Protein
Immunogen Species	<i>Agrobacterium fabrum</i> (strain C58 / ATCC 33970) (<i>Agrobacterium tumefaciens</i> (strain C58))
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MDPKAEGNGENITETAAGNVETSDFVNLKRQKREGVNSTGMSEIDMTGSQET PEHNMHGSPHTDDLGPRLDADMLDSQSSHVSSSAQGNRSEVENELSNLFA KMALPGHDRRTDEYILVRQTGQDKFAGTTKCNLDHLPTKAEFNASCRLYRDG VGNYYPPPLAFERIDIPEQLAAQLHNLEPREQSKQCFQYKLEVWNRHAHAEMGI TGTDIFYQTDKNIKLDNRNYKLRPEDRYIQTEKYGRREIQKRYEHQFQAGSLLPD ILIKTPQNDIHFSYRFAGDAYANKRFEEFERAIKTKYGS DTEIKLKS KSGIMHDS KYLESWERGSADIRFAEFAGENRAHNKQFPAATVNMGRQPDGGQGMTRDR HVSVDYLLQNLPSWWTQALKEGKLWDRVQVLARDGNRYMSPSRLEYS DPE HFTQLMDQVGLPVSMGRQSHANSVKFEQFDRQAAVIVADGPNLREVPDLSPE KLQQLSQKDVLIADRNEKGQRTGT YTNVVEYERLMMKLP SDAQLLAEP SDR YSRAFVRPEPALPPISDSRRTYESRPRGPTVNSL
Research Area	Others
Source	Yeast
Target Names	virE2
Protein Names	Recommended name: Single-strand DNA-binding protein Alternative name(s): 63.5 kDa virulence protein
Expression Region	1-556aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	65.3kDa

**Protein Length**

Full Length

Image

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.