

Recombinant Agrobacterium Fabrum VIRE2 Protein (1-556 aa), His-tagged

Cat. No. VIRE2-1738A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Agrobacterium Fabrum (strain C58/ATCC 33970) (Agrobacterium tumefaciens (strain C58)) VIRE2 Protein (1-556 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Agrobacterium Fabrum
Source	Yeast
ProteinLength	1-556 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	65.3 kDa
AA Sequence	MDPKAEGNGENITETAAGNVETSDFVNLKRQKREGVNSTGMSEIDMTGSQETPEH NMHGSPHTDDLGPRLDADMLDSQSSHVSSSAQGNRSEVENELSNLFAKMALPGH DRRTDEYILVRQTGQDKFAGTTKCNLDHLPTKAEFNASCRLYRDGVGNYYPPPLAF ERIDIPEQLAAQLHNLEPREQSKQCFQYKLEVWNRAHAEMGITGTDIFYQTDKNIKLD RNYKLRPEDRYIQTEKYGRREIQKRYEHQFQAGSLLPDILIKTPQNDIHFSYRFAGDA

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YANKRFEEFERAIKTKYGS DTEIKLKS KSGIMHDS KYLES WERGSADIRFAEFAGEN
 RAHNKQFPAA TVNMGRQPDGQGGMTRDRHVSVDYLLQNL PNPWTQALKEGKLW
 DRVQVLARDGNRYMSPSRLEYS DPEHFTQLMDQVGLPVSMGRQSHANSVKFEQF
 DRQAAVIVADGPNLREVPDLSPEKLQQLSQKDVLIADRNEKGQRTGT YTNVVEYERL
 MMKLPSDAAQLLAEP SDRYSRAFVRPEPALPPISDSRRTYESRPRGPTVNSL

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [virE2 type IV secretion system single-stranded DNA binding protein VirE2 \[Agrobacterium fabrum str. C58 \]](#)

Official Symbol [VIRE2](#)

Synonyms virE2; 63.5 kDa virulence protein;

Gene ID [1137513](#)

Protein Refseq [NP_396510](#)

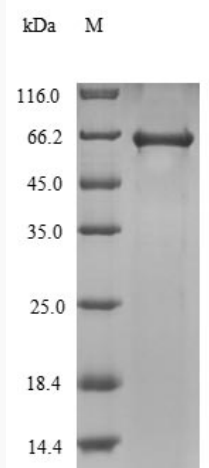
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UniProt ID

P08062



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

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