

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

SPECIFICATION

Cat.No.	VIRE2-2490A
Species	Agrobacterium Tumefaciens
Product Name	Recombinant Agrobacterium Tumefaciens VIRE2 Protein (1-556 aa), His-Myc-tagged
Product Overview	Recombinant Agrobacterium Tumefaciens (strain C58/ATCC 33970) VIRE2 Protein (1-556 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
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.
Source	E. coli
Tag	His/Myc
Form	Tris-based buffer, 50% glycerol
Molecular Mass	70.3 kDa
Protein length	1-556 aa
AA Sequence	MDPKAEGNGENITETAAGNVETSDFVNLKRQKREGVNSTGMSEIDMTGSQETPEHN MHGSPTHTDDLGPRLDADMLDSQSSHVSSSAQGNRSEVENELSNLFAKMALPGHD RRTDEYILVRQTGQDKFAGTTKCNLDHLPKAEFNASCRLYRDGVGNYYPPPLAFERI DIPEQLAAQLHNLEPREQSKQCFQYKLEVWNRAHAEMGITGTDIFYQTDKNIKLDRNY KLRPEDRYIQTEKYGRREIQKRYEHQFQAGSLLPDILIKTPQNDIHFSYRFAGDAYANK RFEEFERAIKTKYGSDTEIKLKS KSGIMHDSKYLESWERGSADIRFAEFAGENRAHNK QFPAATVNMGRQPDGQGGMTRDRHVSVDYLLQNLPSNPWTQALKEGKLWDRVQV LARDGNRYMSPSRLEYS DPEHFTQLMDQVGLPVSMGRQSHANSVKFEQFDRQA AVI VADGPNLREVPDLSPEKLQQLSQKDVLIADRNEKGQRTGTYTNNVEYERLMMKLPSD AAQLLAEPSPDRYSRAFVRPEPALPPISDSRRTYESRPRGPTVNSL
Purity	> 85% as determined by SDS-PAGE.

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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 will be sent along with the products. Please refer to it for detailed information.
Gene Name	virE2 type IV secretion system single-stranded DNA binding protein VirE2 [<i>Agrobacterium tumefaciens</i>]
Official Symbol	VIRE2
Synonyms	virE2;
Gene ID	1224338
UniProt ID	P08062
Figure 1	VIRE2-2490A, 1.jpg
Figure Note 1	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.