Protein Virb5 (virB5) Agrobacterium Tumefaciens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein virB5 (virB5), Recombinant Protein
Full Product Name	Recombinant Agrobacterium tumefaciens Protein virB5 (virB5)
Product Gene Name	virB5 recombinant protein
Sequence	QFVVSDPATE AETLATALET AANLEQTITM VAMLTSAYGV TGLLTSLNQK NQYPSTRDLD TEMFSPRMPM STTARAITTD TDRAVVGGDA EADLLRSQIT GSANSAGIAA DNLETMDKRL TANAETSTQL SRSRNIMQAT VTNGLLLKQI HDAMIQNVQA TSLLTMTTAQ AGLHEAEEAA AQRKEHQKTA VIFGAVP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	23,269 Da
Sequence Positions	24-220, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P17795
Species	Agrobacterium tumefaciens (strain C58 / 33970)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for virB5 recombinant protein	MBS1236455 is a recombinant protein targeting virB5. Also known as Recombinant Agrobacterium tumefaciens Protein virB5 (virB5). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of virB5 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for virB5. It may not necessarily be applicable to this product.

NCBI GI #	16119787
NCBI GeneID	1137494
NCBI Accession #	NP_396492.1
UniProt Primary Accession #	P17795
UniProt Related Accession #	P17795
GenBank Nucleotide #	NC_003065.3
NCBI Official Full Name	type IV secretion system protein VirB5 (plasmid)

NCBI Official Symbol	virB5
UniProt Protein Name	Protein virB5
Protein Family	Protein
UniProt Gene Name	virB5
NCBI Protein Information	type IV secretion system protein VirB5
UniProt Comments for virB5	VirB proteins are suggested to act at the bacterial surface and there play an important role in directing T-DNA transfer to plant cells.
Research Articles on virB5	**1.** The data presented here suggest that VirB5 localizes at the T-pilus tip, and provide novel insights into its role during the type IV secretion process.
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