Nodulation Protein E (nodE) Rhizobium Leguminosarum Bv. Viciae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Nodulation protein E (nodE), Recombinant Protein
Full Product Name	Recombinant Rhizobium leguminosarum bv. viciae Nodulation protein E (nodE), partial
Product Gene Name	nodE recombinant protein
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	42,110 Da
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 P04683
Species	Rhizobium leguminosarum bv. viciae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nodE recombinant protein	MBS7062560 is a recombinant protein targeting nodE. Also known as Recombinant Rhizobium leguminosarum bv. viciae Nodulation protein E (nodE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nodE 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 nodE. It may not necessarily be applicable to this product.

NCBI GI #	128458
NCBI Accession #	P04683.2
UniProt Primary Accession #	P04683
NCBI Official Full Name	Nodulation protein E
UniProt Protein Name	Nodulation protein E
UniProt Synonym Protein Names	Host-specificity of nodulation protein B (EC:2.3.1.-)
Protein Family	Nodulation protein
UniProt Gene Name	nodE
UniProt Synonym Gene Names	hsnB

UniProt Comments for nodE	Proposed to synthesize NOD factor fatty acyl chain. Involved in the synthesis of a highly unsaturated fatty acid moiety, which forms part of a lipo-oligosaccharide that is responsible for host specificity.
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