Sulfate Adenylyltransferase Subunit 2 (nodP) Rhizobium Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sulfate adenylyltransferase subunit 2 (nodP), Recombinant Protein
Full Product Name	Recombinant Rhizobium sp. Sulfate adenylyltransferase subunit 2 (nodP)
Product Gene Name	nodP recombinant protein
Sequence	MSLANLRRLE AEAIHVLREV VATFSNPVVL YSIGKDSSVL LHLAMKAFFP AKPPFPFLHV DTTWKFREMI AFRDRMAREL GFNLLVHTNQ DGVDQGIGPF THGSNLHTHV MKTMALRQAL ETYGFDAALA GARRDEEKSR AKERMFSIRN AQHGWDPKRQ RPEMWKTYNT RVGAGETMRV FPLSNWTEFD IWQYILQENI PIVPLYFAAR RPVVRRDGML IMVDDERMPI EPGEEVMDRM VRFRTLGCYP LTGAIDSEAA TVPDILREML TVRTSERLSR LIDTDEAGAM EKKKREGYF
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	34,494 Da
Sequence Positions	1-299, Full length protein
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 O07308
Species	Rhizobium sp. (strain BR816)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nodP recombinant protein	MBS1256971 is a recombinant protein targeting nodP. Also known as Recombinant Rhizobium sp. Sulfate adenylyltransferase subunit 2 (nodP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nodP 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 nodP. It may not necessarily be applicable to this product.

NCBI GI #	648495373
NCBI Accession #	WP_026187124.1
UniProt Primary Accession #	O07308
GenBank Nucleotide #	WP_026187124.1
NCBI Official Full Name	sulfate adenylyltransferase subunit 2
UniProt Protein Name	Sulfate adenylyltransferase subunit 2

UniProt Synonym Protein Names	ATP-sulfurylase small subunit; Nodulation protein P; Sulfate adenylate transferase; SAT
UniProt Gene Name	nodP
UniProt Synonym Gene Names	SAT
UniProt Comments for nodP	Proposed to provide activated sulfate for transfer to nod factor.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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