Nh (3)-Dependent NAD (+) Synthetase (nadE) Streptococcus Equi Subsp. Zooepidemicus Recombinant Protein

PRODUCT OVERVIEW

Product Name	NH (3)-dependent NAD (+) synthetase (nadE), Recombinant Protein
Full Product Name	Recombinant Streptococcus equi subsp. zooepidemicus NH (3)-dependent NAD (+) synthetase
Product Gene Name	nadE recombinant protein
Sequence	MTLQEDIIRQ LGVKAVIDPK QEIRQSVDFL KAYLLKHPFL KTYVLGISGG QDSSLAGKLA QMAIEELRAE TGDEQYQFIA VRLPYGVQAD EADAQKALAF IQPDQALTVN IKEAVDGQLR ALETAGLEIS DFNKGNIKAR QRMISQYAIA GQTAGAVIGT DHAAENVMGF FTKFGDGGAD ILPLFRLTKR QGKALLKALK ADPSLYEKVP TADLEDKKPG LADEVALGVS YQEIDDYLEG HTISAEAQAR IEDWWHKGQH KRHLPITIFD DFWK
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	30,326 Da
Sequence Positions	1-274, 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 C0MGX1
Species	Streptococcus equi subsp. zooepidemicus (strain H70)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for nadE recombinant protein	MBS1257510 is a recombinant protein targeting nadE. Also known as Recombinant Streptococcus equi subsp. zooepidemicus NH (3)-dependent NAD (+) synthetase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of nadE 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 nadE. It may not necessarily be applicable to this product.

NCBI GI #	259511198
NCBI Accession #	C0MGX1.1
UniProt Primary Accession #	C0MGX1
NCBI Official Full Name	NH(3)-dependent NAD(+) synthetase
UniProt Protein Name	NH(3)-dependent NAD(+) synthetase

Protein Family	NH(3)-dependent NAD(+) synthetase
UniProt Gene Name	nadE
UniProt Comments for nadE	Catalyzes the ATP-dependent amidation of deamido-NAD to form NAD. Uses ammonia as a nitrogen source.
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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