NAD-Specific Glutamate Dehydrogenase (gdh) Porphyromonas Gingivalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	NAD-specific glutamate dehydrogenase (gdh), Recombinant Protein
Full Product Name	Recombinant Porphyromonas gingivalis NAD-specific glutamate dehydrogenase (gdh)
Product Gene Name	gdh recombinant protein
Sequence	MKTQEIMTML EAKHPGESEF LQAVKEVLLS VEEVYNQHPE FEKNGIIERI VEPDRVFTFR VPWVDDQGKV QVNIGYRVQF NNAIGPYKGG IRFHPSVNLS ILKFLGFEQM FKNALTTLPM GGGKGGADFS PKGKSEAEIM RFCQSFMTEL WRNIGPDTDI PAGDIGVGGR EVGYMFGMYK KLAREHTGTL TGKGFEFGGS RLRPESTGFG AVYFVQNMCK QNGVDYKGKT LAISGFGNVA WGVAQKATEL GIKVVTISGP DGYVYDPDGI NTPEKFRCML DLRDSGNDVV SDYVKRFPNA QFFPGKKPWE QKVDFAMPCA TQNEMNLEDA KTLHKNGVTL VAETSNMGCT AEASEYYVAN KMLFAPGKAV NAGGVSCSGL EMTQNAMHLV WTNEEVDKWL HQIMQDIHEQ CVTYGKDGNY IDYVKGANIA GFMKVAKAMV AQGVC
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	49,199 Da
Sequence Positions	1-445, 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 B2RKJ1
Species	Porphyromonas gingivalis (strain 33277 / DSM 20709 / JCM 12257)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gdh recombinant protein	MBS1122231 is a recombinant protein targeting gdh. Also known as Recombinant Porphyromonas gingivalis NAD-specific glutamate dehydrogenase (gdh). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gdh 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 gdh. It may not necessarily be applicable to this product.

NCBI GI #	499258715
NCBI Accession #	WP_010956255.1
UniProt Primary Accession #	B2RKJ1
UniProt Secondary Accession #	Q03578

GenBank Nucleotide #	WP_010956255.1
NCBI Official Full Name	glutamate dehydrogenase
UniProt Protein Name	NAD-specific glutamate dehydrogenase
UniProt Synonym Protein Names	Surface-associated protein PGAG1
UniProt Gene Name	gdh
UniProt Synonym Gene Names	NAD-GDH
UniProt Comments for gdh	Probably involved in degradation rather than biosynthesis of glutamate.
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