

L-aspartate oxidase (nadB) Recombinant Protein | nadB recombinant protein

Recombinant Pyrococcus horikoshii L-aspartate oxidase (nadB)

CATALOG # AAA115231	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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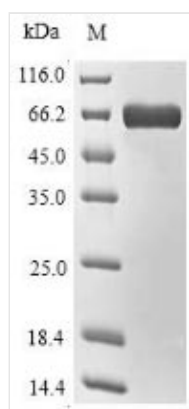
PRODUCT SYNONYMS

L-aspartate oxidase (nadB); Recombinant Pyrococcus horikoshii L-aspartate oxidase (nadB); L-aspartate oxidase; LASPO; EC=1.4.3.16; Quinolate synthase B; nadB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-464. Full Length
Sequence	MMEMRVGIVG GGLAGLTAAL ALAEKGFVDS IIGPRSTDSN SYLAQAGIAL PLLEGDSIRI HVLDTIKAGK YINDEEIVWN VISKSSEAHDLTSHGVTFT GNELEGGHSY PRIFTIKSET GKHIIPILEK HARELDVNFI RGFVEEIGIN NGKLAGVFLQ GELLKFDAVV IAAGGFSGLY RFTAGVKNNI GLLIGDVALK GVPLRDMFV QFHPTGFIGK RTYLITEAVR GAGAKLVTGD GERFVNELET RDIVARAIYM KMLEGKGVFL DARGIENFKD RFPYIYSVLR GEGINPEKDL IPITPVAHYT IGGISVDAFY RTRIKGLYAI GESACNGFHG ANRLASNSLL ECVVSGLEVA RTISREKPKR EVNDAPYSFN ELGDVDSIRE VLWNHAGIVR DEWSLREGLR KLKEIEVDER LKLVAKAVII SALKREESRG AHYRKDYPFM RKEFEHSSFF YPNV
Species	Pyrococcus horikoshii (strain 700860 / DSM 12428 / JCM 9974 / NBRC 100139 / OT-3)
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for nadB recombinant protein	Catalyzes the oxidation of L-aspartate to iminoaspartate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14589977
NCBI GeneID	1443917
NCBI Accession #	NP_142038.1
NCBI GenBank Nucleotide #	NC_000961.1
UniProt Accession #	O57765
Molecular Weight	71.3 kDa
NCBI Official Full Name	L-aspartate oxidase
NCBI Official Symbol	PH0015
NCBI Protein Information	L-aspartate oxidase
UniProt Protein Name	L-aspartate oxidase
UniProt Gene Name	nadB
UniProt Synonym Gene Names	LASPO
UniProt Entry Name	NADB_PYRHO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/nadb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115231>