



Recombinant Nitrosomonas europaea UDP-N-acetylmuramoylalanine--D-glutamate ligase (murD)

Product Code	CSB-BP767709NHH
Abbreviation	murD
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q82VS5
Product Type	Recombinant Protein
Immunogen Species	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MNYTGKKILV LGMGKTGISM VKWLSRLGAQ LSVADTRTSP PNLELISRIV PGEAIFCGPL KEELFQGIDA IAISPGVAVA EPLVQAALQQ GVPVIGDIEL FAVALDQYAP PGTKILAITG SNGKTTVTSM VGEMVKNAGW DVEVAGNIGP AALDALMQRD DANKWPHLWA LELSSFQLET TSSLRPDAAT VLNLSEDHLD RYDSIEEYAA AKARIFSRPH NNGCVQILNR DDARVYAMAD KNSKQVTFGL SAPVSDEEFG LLPGGSDVWL AQQSTHLLKT SELAVAGLHN AANALAALAL CRAVDLPFEP LLHALRTRFRG LPHRMQKVAE FNGVTFYDDS KSTNIGSAVA ALNGFRKNVI LIAGGDGKGQ DFSPLEQPVS KHVRSVLLG RDADKVAQAI QASNVPIHRV TTMDEAVQVS FLLAEHGDVV LLSPACASLD MFNNYIHRAE VF TAAVRLIE RKFVLT AQTC H
Source	Baculovirus
Target Names	murD
Protein Names	Recommended name: UDP-N-acetylmuramoylalanine--D-glutamate ligase EC=6.3.2.9 Alternative name(s): D-glutamic acid-adding enzyme UDP-N-acetylmuramoyl-L-alanyl-D-glutamate synthetase
Expression Region	1-471
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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