

Nicotinamidase (PNC1) Recombinant Protein | PNC1 recombinant protein

Recombinant *Saccharomyces cerevisiae* Nicotinamidase (PNC1)

CATALOG # AAA18680	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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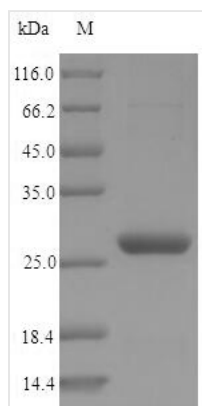
PRODUCT SYNONYMS

Nicotinamidase (PNC1); Recombinant *Saccharomyces cerevisiae* Nicotinamidase (PNC1); Nicotinamidase; EC=3.5.1.19; Nicotine deamidase; NAMase; PNC1 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	1-216aa; Full Length Protein
Sequence	MKTLIVDMQ NDFISPLGSL TVPKGEELIN PISDLMQDAD RDWHRIVVTR DWHPSRHISF AKNHKDKEPY STYTYHSPRP GDDSTQEGIL WPVHCVKNTW GSQLVDQIMD QVVTKEHIKIV DKGFLTDREY YSAFHDIWNF HKTDMNKYLE KHHTDEVYIV GVALEYCVKA TAISAAELGY KTTVLLDYTR PISDDPEVIN KVKEELKAHN INVVDK
Species	<i>Saccharomyces cerevisiae</i> (strain 204508 / S288c) (Baker's yeast)
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 PNC1 recombinant protein	Catalyzes the deamidation of nicotinamide, an early step in the NAD ⁺ salvage pathway. Positively regulates SIR2-mediated silencing and longevity by preventing the accumulation of intracellular nicotinamide, an inhibitor of SIR2, during times of stress. Acts also on nicotinyI hydroxamate.
Product Categories/Family for PNC1 recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	398364807
NCBI GeneID	852846
NCBI Accession #	NP_011478.3
NCBI GenBank Nucleotide #	NM_001180902.3
UniProt Accession #	P53184; D6VUA2
Molecular Weight	29 kDa
NCBI Official Full Name	nicotinamidase
NCBI Official Symbol	PNC1
NCBI Protein Information	nicotinamidase
UniProt Protein Name	Nicotinamidase
UniProt Gene Name	PNC1
UniProt Synonym Gene Names	NAMase
UniProt Entry Name	PNC1_YEAST

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/pnc1-recombinant-protein-e-coli/18680>