

Nicotinamidase (PNC1) Recombinant Protein | PNC1 recombinant protein

Recombinant *Saccharomyces cerevisiae* Nicotinamidase (PNC1)

CATALOG # AAA233535	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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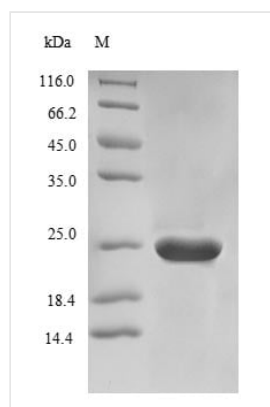
PRODUCT SYNONYMS

Nicotinamidase (PNC1); Recombinant *Saccharomyces cerevisiae* Nicotinamidase (PNC1); Nicotinamide deamidase; 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 AKNHKDKPEY STYTYHSPRP GDDSTQEGIL WPVHCVKNTW GSQLVDQIMD QVVTKHIV DKGFLTDREY YSAFHDIWNF HKTDMNKYLE KHHTDEVYIV GVALEYCVKA TAISAAELGY KTTVLLDYTR PISDDPEVIN KVKEELKAHN INVVDK
Species	<i>Saccharomyces cerevisiae</i> (strain 204508 / S288c) (Baker's yeast)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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
References	"Identification and functional analysis of the Saccharomyces cerevisiae nicotinamidase gene, PNC1." Ghislain M., Talla E., Francois J.M. Yeast 19:215-224(2002)

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	25.0 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

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.