

Datasheet for ABIN7585424  
**PANK4 Protein (AA 2-773) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PANK4
Protein Characteristics:	AA 2-773
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PANK4 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>AECRASGGG SGGDSLKSI TLPPDEIFRN LENAKRFAID IGGSLTKLAY YSTVQHKVAK</p> <p>VRSFDHPGKD AEQDHEPPYE ISVQEEITAR LHFIFKENTY MEACLD FIRD HLVNTETKVI</p> <p>QATGGGAYKF KDLIEEKLRL KVDKEDVMTC LIKGCNFVLK NIPHEAFMYQ KDSDP EFRFQ</p> <p>TNHPNIFPYL LVNIGSGVSI VKVETEDRFE WIGGSSIGGG TFWGLGALLT KTKKFDELLQ</p> <p>LASRGRHANV DMLVQDIYGG AHQTLGLSGN LIASSFGKSA TADREFSKED MAKSLMHMIS</p> <p>NDIGQLACLY AKLHGLDRVY FGGFFIRGHP VTMRTITYSI NFFSKGEVQA LFLRHEGYLG</p> <p>AIGAFLKGAE QDNPNQYSWG ENYAASSGLM STAPELCPTQ RARSGTFDLL EMDRLERPLV</p> <p>NLPLLLDPSS YPDTVDLTD DALARQYWLT CFEEALDGWV KRAVASQPES VDAAERAKEF</p> <p>RQKYWGKLQT LRHQPFAYGT LTVRSLDTR EHCLNEFNFP DPYSKVKQKE NGLALKCFQS</p> <p>VTRSLDSL GW EERQLALVKG LLAGNVFDWG AKAVSDVLES DPQFGFEEAK RKLQERPWL V</p> <p>DSYTKWLQRL KGPPHKCALI FADNSGIDII LGVFPFVREL LCRGIEVILA CNSGPALNDV</p> <p>TYSESLIVAE RIAAMDPIIC TALREDRLLL VQTGSSPPCL DLSRLDKGLA VLVRERGADL</p>
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## Product Details

VVIEGMGRAV HTNYHALLRC ESLKLAVVKN AWLAERLGGQ LFSVIFKYEV PAE

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: PANK4

Abstract: [PANK4 Products](#)

Background: Recommended name: Pantothenate kinase 4.  
Short name= rPank4.  
EC= 2.7.1.33.  
Alternative name(s): Pantothenic acid kinase 4

UniProt: [Q923S8](#)

Pathways: [Ribonucleoside Biosynthetic Process](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

## Handling

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Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.