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Datasheet for ABIN1614228
PANK4 Protein (AA 2-773) (His tag)

Overview

Quantity:	1 mg
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: AECRASGGG SGGDSLKSI TLPPDEIFRN LENAKRFAID IGGSLTKLAY YSTVQHKVAK
 VRSFDHPGKD AEQDHEPPYE ISVQEEITAR LHFIFKENTY MEACLDIFIRD HLVNTETKVI
 QATGGGAYKF KDLIEEKLRL KVDKEDVMTC LIKGCNFVLK NIPHEAFMYQ KDS DPEFRFQ
 TNHPNIFPYL LVNIGSGVSI VKVETEDRFE WIGGSSIGGG TFWGLGALLT KTKKFDELLQ
 LASRGRHANV DMLVQDIYGG AHQTLGLSGN LIASSFGKSA TADREFSKED MAKSLMHMIS
 NDIGQLACLY AKLHGLDRVY FGGFFIRGHP VTMRTITYSI NFFSKGEVQA LFLRHEGYLG
 AIGAFKGAE QDNPNQYSWG ENYAASSGLM STAPELCPTQ RARSGTFDLL EMDRLERPLV
 NLPLLLDPSS YVPD TVDLTD DALARQYWLT CFEEALDGVV KRAVASQPES VDA AERA EK F
 RQKYWGKLT LRHQPFAYGT LTVRSLDTR EHCLNEFNFP DPYSKVKQKE NGLALKCFQS
 VTRSLDSL GW EERQALVKG LLAGNVFDWG AKAVSDVLES DPQFGFEEAK RKLQERPWL V
 DSYTKWLQRL KGPPHKCALI FADNSGIDII LGVFPFVREL LCRGIEVILA CNSGPALNDV
 TYESLIVAE RIAAMDPIIC TALREDRLLL VQTGSSPPCL DLSRLDKGLA VLVRERGADL

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

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.