

Datasheet for ABIN7584921
KPNA1 Protein (AA 1-538) (His tag)



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Overview

Quantity:	100 µg
Target:	KPNA1
Protein Characteristics:	AA 1-538
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KPNA1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSTPGKENFR LKSYKNKSLN PDEMRRRREE EGLQLRKQKR EEQLFKRRNV ATAEETEEE VMSDGGFHEA QINNMEMAPG GVITSDMTEM IFSNSPEQQL SATQKFRKLL SKEPNPPIDE VINTPGVVAR FVEFLKRKEN CTLQFESAWV LTNIASGNSL QTRIVIQAGA VPFIELLSS EFEDVQEQAV WALGNIAGDS TMCRDYVLDC NILPPLLQLF SKQNRLTMTR NAVWALS NLC RGKSPPEFA KVSPCLNVLS WLLFVSDTDV LADACWALSY LSDGPNDKIQ AVIDAGVCRR LVELLMHNDY KVVSPALRAV GNIVTGDDIQ TQVILNCSAL QSLHLLSSP KESIKKEACW TISNITAGNR AQIQTVIDAN MFPALISILQ TAEFRTRKEA AWAITNATSG GSAEQIKYLV ELGCIKPLCD LLTVMDAKIV QVALNGLENI LRLGEQEAKR NGSGINPYCA LIEEAYGLDK IEFLQSHENQ EIYQKAFDLI EHYFGTEDED SSIAPQVDLS QQYIFQQCE APMEGSQL
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.

Product Details

Purity: > 90 %

Target Details

Target: KPNA1

Alternative Name: Importin subunit alpha-1 (Kpna1) ([KPNA1 Products](#))

Background: Recommended name: Importin subunit alpha-1.
Alternative name(s): Importin alpha-5 Karyopherin subunit alpha-1

UniProt: [P83953](#)

Pathways: [M Phase](#), [Protein targeting to Nucleus](#)

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

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.