Datasheet for ABIN1632882

KPNA5 Protein (AA 1-536) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	KPNA5
Protein Characteristics:	AA 1-536
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KPNA5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASPGKDNYR MKSYKNKALN PQEMRRRREE EGIQLRKQKR EEQLFKRRNV SLPRNDDCML ESPIQDPDVS STVPIPEEDM ITADMIQMIF SNNAEQQLTA TQKFRKLLSK EPNPPIDQVI QKPGVVQRFV KFLERNENCT LQFEAAWALT NIASGTFLHT KVVIETGAVP IFIRLLTSEH EDVQEQAVWA LGNIAGDNAE CRDFVLNCEI LPPLLELLTN SNRLTTTRNA VWALSNLCRG KNPPPNFSKV SPCLNVLSRL LFSSDPDVLA DVCWALSYLS DGPNDKIQVV IDSGVCRRLV ELLMHNDYKV VSPALRAVGN IVTGDDIQTQ VILNCSALPC LLHLLGSPKE SVRKEACWTI SNITAGNRMQ IQAVIDGSIF PVLIEVLQKA EFRTRKEAAW AITNATSGGA PEQIRYLVTL GCIKPLCDLL TVMDSKIVQV ALNGLENILR LGERESKQNG VGINPYCALI EEAYGLDKIE FLQSHENQEI YQKAFDLIER YFGVEEDDPS LVPQVDEQQR QFLFQQCEAP GEGFQL
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	KPNA5
Alternative Name:	Importin subunit alpha-6 (Kpna5) (KPNA5 Products)
Background:	Recommended name: Importin subunit alpha-6. Alternative name(s): Karyopherin subunit alpha-5
UniProt:	Q56R16
Pathways:	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 modificated 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.