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Datasheet for ABIN1509823 PAK7 Protein (AA 1-718) (His tag)

Overview

Quantity:	1 mg
Target:	PAK7
Protein Characteristics:	AA 1-718
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAK7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MFGKKKKKIE ISGPSNFEHR VHTGFDPQEQ KFTGLPQQWH SLLADTANRP KPMVDPSCIT</p> <p>PIQLAPMKTI VRGNKSCCKES SINGLLEDFD NISVTRSNSL RKESPTPDQ GAASRIQGH</p> <p>EENGFITFSQ YSSESDTTTD YTEKYRDRS LYGDDLDLYY RGSAAKQNG HAMKMKHGDA</p> <p>YYPEMKPLKS DLARFPVDYH THLDSLSKAS EYGLKWDYQ RASSSSPLDY SFQLTPSR</p> <p>GTSRCSKESL AYSESDWGFS FDDYDRRPSK SYLHQTSPQP AMRQRSKSGS GLQEPMPF</p> <p>ASAFKTHPQG HSYNSYTYPR LSEPTMCIPK VDYDRAQMV SPPLSGSDTY PRGPTKL</p> <p>QSKVGYSSSS HQYPGYHKAS LYHHPSLQTS SQYISTASYL SLSISSSTY PPPSWGSS</p> <p>QQPSRVSEHQ FRAALQLVVS PGDPREYLDN FIKIGEGSTG IVCIAKHT GKQVAVKMD</p> <p>LRKQQRRELL FNEVVIMRDY HHDNVVDMYN SYLVGDELWV VMEFLEGGAL TDIVTHTR</p> <p>EEQIATVCLS VLKALSYLHN QGVIHRDIKS DSILLTSDGR IKLSDFGFCA QVSKEVPKR</p> <p>SLVGTPYWMA PEVISRLPYG TEVDIWSLGI MVIEMIDGEP PYFNEPPLQA MRRIRDSL</p> <p>RVKDLHKVSS MLRGFLDML VREPSQRATA QELLGHPFLK LAGPPSCIVP LMRQYRHH</p>
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Product Details

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:	PAK7
Alternative Name:	Serine/threonine-protein kinase PAK 7 (Pak7) (PAK7 Products)
Background:	<p>Recommended name: Serine/threonine-protein kinase PAK 7.</p> <p>EC= 2.7.11.1.</p> <p>Alternative name(s): p21-activated kinase 5.</p> <p>Short name= PAK-5 p21-activated kinase 7.</p> <p>Short name= PAK-7</p>
UniProt:	D4A280

Application Details

Comment:	<p>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.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.