Datasheet for ABIN7584984

Lamin B1 Protein (LMNB1) (AA 2-584) (His tag)

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Overview

Quantity:	100 µg
Target:	Lamin B1 (LMNB1)
Protein Characteristics:	AA 2-584
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lamin B1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ATATPVQQR AGSRASAPAT PFSPTRLSRL QEKEELRELN DRLAVYIDKV RSLETENSAL QLQVTEREEV RGRELTGLKA LYETELADAR RALDDTARER AKLQIELGKF KAEHDQLLLN YAKKESDLSG AQIKLREYEA ALNSKDAALA TALGDKKSLE GDLEDLKDQI AQLEASLSAA KKQLADETLL KVDLENRCQS LTEDLEFRKN MYEEEINETR RKHETRLVEV DSGRQIEYEY KLAQALHEMR EQHDAQVRLY KEELEQTYHA KLENARLSSE MNTSTVNSAR GGMMESRMRI ESLSSQLSNL QKDSRACLER IQELEDMLAK ERDNSRRMLS DKEREMAEIR DQMQQQLNDY EQLLDVKLAL DMEISAYRKL LEGEEERLKL SPSPSSRVTV SRASSSRSVR TTRGKRKRVD VEESEASSSV SISHSASATG NVCIEEIDVD GKFIRLKNTS EQDQPMGGWE MIRKIGDTSV SYKYTSRYVL KAGQTVTVWA ANAGVTASPP TDLIWKNQNS WGTGEDVKVV LKNSQGEEVA QRSTVFKTTI PEEEEEEEEE PIGVPLEEER FHQQGTPRAS NKSC
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Lamin B1 (LMNB1)
Alternative Name:	Lamin-B1 (Lmnb1) (LMNB1 Products)
Background:	Recommended name: Lamin-B1
UniProt:	P70615
Pathways:	Apoptosis, Caspase Cascade in Apoptosis

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.