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Datasheet for ABIN1473557

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

Overview

Quantity:	1 mg
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:	<p>ATATPVQQR AGSRASAPAT PFSPTRLSRL QEKEELRELN DRLAVYIDKV RSLETENSAL</p> <p>QLQVTEREEV RGRELTGLKA LYETELADAR RALDDTARER AKLQIELGKF KAEHDQLLLN</p> <p>YAKKESDL SG AQIKLREYEA ALNSKDAALA TALGDKKSLE GDLEDLKDQI AQLEASLSAA</p> <p>KKQLADETLL KVDLENRCQS LTEDLEFRKN MYEEEEINETR RKHETRLVEV DSGRQIEYEV</p> <p>KLAQALHEMR EQHDAQVRLY KEELEQTYHA KLENARLSSE MNTSTVNSAR GGMMESRMRI</p> <p>ESLSSQLSNL QKDSRACLER IQELEDMLAK ERDNSRRMLS DKEREMAEIR DQMQQQLNDY</p> <p>EQLLDVKLAL DMEISAYRKL LEGEEERLKL SPSPSSRVTV SRASSRSVR TTRGKRKRVD</p> <p>VEESEASSSV SISHSASATG NVCIEEIDVD GKFIRLKNTS EQDQPMGGWE MIRKIGDTSV</p> <p>SYKYTSRYVL KAGQTVTVWA ANAGVTASPP TDLIWKQNS WGTGEDVKVV LKNSQGEEVA</p> <p>QRSTVFKTTI PEEEEEEEE PIGVPLEEER FHQQGTPRAS NKSC</p>
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 modiflicated 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.