Datasheet for ABIN1474607

Lamin A/C Protein (LMNA) (AA 1-662) (His tag)

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Overview

Quantity:	1 mg
Target:	Lamin A/C (LMNA)
Protein Characteristics:	AA 1-662
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lamin A/C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	METPSQRRPT RSGAQASSTP LSPTRITRLQ EKEDLQELND RLAVYIDRVR SLETENAGLR LRITESEEVV SREVSGIKAA YEAELGDARK TLDSVAKERA RLQLELSKVR EEFKELKARN TKKEGDLLAA QARLKDLEAL LNSKEAALST ALSEKRTLEG ELHDLRGQVA KLEAALGEAK KQLQDEMLRR VDAENRLQTL KEELDFQKNI YSEELRETKR RHETRLVEID NGKQREFESR LADALQELRA QHEDQVEQYK KELEKTYSAK LDNARQSAER NSNLVGAAHE ELQQSRIRID SLSAQLSQLQ KQLAAKEAKL RDLEDSLARE RDTSRRLLAE KEREMAEMRA RMQQQLDEYQ ELLDIKLALD MEIHAYRKLL EGEEERLRLS PSPTSQRSRG RASSHSSQSQ GGGSVTKKRK LESSESRSSF SQHARTSGRV AVEEVDEEGK FVRLRNKSNE DQSMGNWQIK RQNGDDPLMT YRFPPKFTLK AGQVVTIWAS GAGATHSPPT DLVWKAQNTW GCGTSLRTAL INATGEEVAM RKLVRSLTMV EDNDDEEEDG DELLHHHRGS HCSSSGDPAE YNLRSRTVLC GTCGQPADKA ASGSGAQVGG SISSGSSASS VTVTRSFRSV GGSGGGSFGD NLVTRSYLLG NSSPRTQSSQ NC
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
Purity:	> 90 %

Target Details

Target:	Lamin A/C (LMNA)
Alternative Name:	Prelamin-A/C (Lmna) (LMNA Products)
Background:	Recommended name: Prelamin-A/C Cleaved into the following chain: 1. Lamin-A/C
UniProt:	P48679
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, ER-Nucleus Signaling, 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

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Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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