

Datasheet for ABIN7591170

## LEPRE1 Protein (AA 15-728) (His tag)



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### Overview

Quantity:	100 µg
Target:	LEPRE1
Protein Characteristics:	AA 15-728
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LEPRE1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>ESEPEW NVAAPDLLYA EGTAAYARGD WPGVVLNMER ALRSRAALRA LRLRCRTRCA</p> <p>TELPWAPDLD LGPASSLNHD PGAAALHDLR FFGALLRRAA CLRRCLGPPS AHLLSEELDL</p> <p>EFNKRSPYNY LQVAYFKINK LEKAVAAAHT FFGVGNPEHME MRQNLDYYQT MSGVKEEDFK</p> <p>DLEAKPHMHE FRLGVRLYSE EKPLEAVPHL EAALQEYFVA DEECRALCEG PYDYDGNYNL</p> <p>DYSADLFQAI TDHYVQVLSC KQNCVTELAS HPSREKPFED FLPSHYNYLQ FAYYNIGNYT</p> <p>QAIECAKTYL LFFPNDEVMS QNLAYYTAVL GEEEASSISP RENAQEYRHR SLLEKELLFF</p> <p>AYDIFGIPFV DPDSWTPEEV IPKRLQEKQK SERETAVRIS QEIGNLMKEI ETLVEEKTKE</p> <p>SLDVSRLTRE GGPLYEGIN LTMNSKVLNG SQRVVMGVI SDDECQELQR LTNAATSGD</p> <p>GYRGQTSPTH PNEKFYGVTV LKALKLGQEG KVPLQSAHMY YNVTEKVRVY MESYFRLDTP</p> <p>LYFSYSHLVC RTAIEESQAE RKDSSHPVHV DNCILNAESL VCIKEPPAYT FRDYSAILYL</p> <p>NGDFDGGNFY FTELDAKTVT AEVQPQCGRA VGFSSGTENP HGVKAVTRGQ RCAIALWFTL</p> <p>DPRHSERDRV QADDLVKMLF SPEEVDLPQE QPLPDQGGSP KPGEESSLDR ESQPKDEL</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:	LEPRE1
Alternative Name:	Prolyl 3-hydroxylase 1 (Lepre1) ( <a href="#">LEPRE1 Products</a> )
Background:	<p>Recommended name: Prolyl 3-hydroxylase 1.</p> <p>EC= 1.14.11.7.</p> <p>Alternative name(s): Leucine- and proline-enriched proteoglycan 1.</p> <p>Short name= Leprecan-1</p>
UniProt:	<a href="#">Q9R1J8</a>

## 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>
Restrictions:	For Research Use only

## Handling

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

## Handling

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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.