

Datasheet for ABIN7589580

## LEPREL1 Protein (AA 22-703) (His tag)



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### Overview

Quantity:	100 µg
Target:	LEPREL1
Protein Characteristics:	AA 22-703
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LEPREL1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>GPQDGRGSP EPEPERGPLQ PFDLLYASGV AAYYSGDYEG AVRDLAALR SHRRLDIRT</p> <p>RCARHCAARR PLAPPGAGPG AELPFFRAVL ERARCSRSCQ SQRLGGPASR HRVSEDVRS</p> <p>FQRRVPYNYL QRAYIKLNQL DKAMEAAHTF FMANPEHMEM QQNIEDYKAT ARVEAPLVDR</p> <p>EAKPHLESYN AGVKHYEADD FEAAIKYFEQ ALREYFNEDM VCRALCEGPQ RFEEYEYLG</p> <p>KGSLYEAIAH HYMQVLVCQH ECVRELATRP GRLSPIENFL PLHYDYLQFA YYRVGEYVKA</p> <p>LECAKAYLMF HPDDQDVLDN VDFYESLLDD STDPASIEAR EDLTAQVVRH KLEAELIKSA</p> <p>AEGLGFSYSE PNYWISYGGP QDENRVPSGV NMDGAEVHGL SMGKKSPPKI GRDLREGGPL</p> <p>LYENITFVYN SEQLNGTQRV LLDNVLSEEQ CRELHVSASG IMLVGDGYRG KTSPTPTNEK</p> <p>FEGATVLKAL KFGYEGRVPL KSARLFYDIS EKARKIVESY FMLNSTLYFS YTHMVCRTAL</p> <p>SGQQDRRNDL SHPIHADNCL LDPEANECWK EPPAYTFRDY SALLYMNDDF EGGEFIFTEM</p> <p>DAKTVTASIK PKCGRMISFS SGGENPHGVK AVTRGQRCV ALWFTLDPLY RELERIQADE</p> <p>VIAILDQEQH GKHGLNINPK DEL</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:	LEPREL1
Alternative Name:	Prolyl 3-hydroxylase 2 (Leprel1) ( <a href="#">LEPREL1 Products</a> )
Background:	Recommended name: Prolyl 3-hydroxylase 2. EC= 1.14.11.7. Alternative name(s): Leprecan-like protein 1
UniProt:	<a href="#">Q4KLM6</a>

## 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 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.
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

## Handling

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one week

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Storage: -20 °C

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