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Datasheet for ABIN1615257

## Nibrin Protein (NBN) (AA 1-750) (His tag)

### Overview

Quantity:	1 mg
Target:	Nibrin (NBN)
Protein Characteristics:	AA 1-750
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nibrin protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MWKLPAASA APGEPCRLLA GVEYIVGRKN CAILIENDQS ISRNHAVLRV NFPVTSLSQT</p> <p>DEIPTLTIKD NSKYGTFINE EKMQNGLSST LKTGDRVTFG VFESKFRVEY EPLVVCSSCL</p> <p>DVSGKTVLNQ AILQLGGLTA NSWTEECTHL AMSSVKVTIK TICALICGRP IVKPEYFSEF</p> <p>LKAVESKTQP PEIESFYPPI DEPAIGNKSV DLSGRRERKQ IFKGKTFVFL NAKQHKKLGS</p> <p>AVVFGGGEAR LMAEGGEEEQ SFFSAPGTCV VDVGITNTQL IITDSQRKWI HLIMDILQRH</p> <p>GLRPIPEAEI GLAVIFMTTE SYCNPQGQPC TEVKTTTPGP SLSQGLSANG KVIPSAPMNM</p> <p>TTYVADTESE PADTCMSLSE RPEEVKIFGL DQNSRKLLQG TCNIKETSNQ SSNSNNAASN</p> <p>TLVRGKAPNY QLSPMKCPAA SKNKDWSSQQ QLNSIKNYFQ PCSRKREDE ENPEQSSCKS</p> <p>SRVELSCSLL EQTQPAGPSL WSKSDHESQS ETLDRASNAS SVGGIDIKPN GKSPDSKSFS</p> <p>TEDLRARKRK EVDLSTEEEV LEELLRSTKP ELAVQVKVEK QEADVSIKK PRMDAERNQH</p> <p>LNGGPVPESN SALQEDETGK KDELQIEAWS TKREVSNTDE LQDSSEELPR KLLLTEFRSL</p> <p>VVHNSSRNLCV LNGRGELK NFKKFKKATC PGAGKLPHII GGSDLIGHHA RKNTELEEWL</p>
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## Product Details

KHEMEVQKQQ AKEDSLADDL FRYNPNVKRR

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: Nibrin (NBN)

Abstract: [NBN Products](#)

Background: Recommended name: Nibrin.  
Alternative name(s): Nijmegen breakage syndrome protein 1 homolog

UniProt: [Q9JIL9](#)

Pathways: [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#)

## 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

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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.