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## Datasheet for ABIN1475452 RNPEP Protein (AA 2-650) (His tag)

### Overview

Quantity:	1 mg
Target:	RNPEP
Protein Characteristics:	AA 2-650
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNPEP protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>ESSGPSSCH SAARRPLHSA QAVDVASASS FRAFEILHLH LDLRAEFGPP GPGPGSRGLN</p> <p>GKATLELRCL LPEGASELRL DSHSCLEVMA ATLLRGQPGD QQQLTEPVPF HTQPFSHYGQ</p> <p>ALCVVFPKPC CAAERFRLEL TYRVGEGPGV CWLAPEQTAG KKKPFVYTQG QAVLNRAFFP</p> <p>CFDTPAVKCT YSALVEVPDG FTAVMSASTW ERRGPNKFFF QMSQIPSYL IALAIGDLAS</p> <p>AEVGPRSRVW AEPCLIEAAK EEYNGVIEEF LATGEKLFPG YVWGRYDLLF MPPSFPPFGGM</p> <p>ENPCLTFVTP CLLAGDRSLA DVIIEISHS WFGNLVTNAN WGEFWLNEGF TMYAQRRIST</p> <p>ILFGAAYTCL EAATGRALLR QHMDVSGEEN PLNKL RVKIE PGVDPDDTYN ETPYEKG YCF</p> <p>VSYLAHLVGD QEQFDKFLKA YVDEFKFSI LAEDFLEFY L EYFPELKKKG VDSIPGFEFN</p> <p>RWLNTPGWPP YLPDLSPGDS LMKPAEELAE LWAASEPDMQ AIEAVAISTW KTYQLVYFLD</p> <p>KILQKSPLPP GNVKKLGETY PKISNAQNAE LRLRWGQIIL KNDHQEEFWK VKDFLQSQ GK</p> <p>QKYTLPLYHA MMGGSEMART LAKETFSATA SQLHSNVVNY VQQLAPKGS</p>
Specificity:	Rattus norvegicus (Rat)

## Product Details

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: RNPEP

Alternative Name: Aminopeptidase B (Rnpep) ([RNPEP Products](#))

Background: Recommended name: Aminopeptidase B.  
Short name= AP-B.  
EC= 3.4.11.6.  
Alternative name(s): Arginine aminopeptidase Arginyl aminopeptidase Cytosol aminopeptidase IV

UniProt: [O09175](#)

## 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.