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Datasheet for ABIN1474145

**APLP2 Protein (AA 32-695) (His tag)**

## Overview

Quantity:	1 mg
Target:	APLP2
Protein Characteristics:	AA 32-695
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APLP2 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	GYIEALAAAN AGTGFAVAEP QIAMFCGKLN MHVNIQTGKW EPDPTGTKSC LGTKEEVLQY CQEIYPELQI TNVMEANQPV NIDSWCRRDK KQCRSHIVIP FKCLVGEFVS DVLLVPENCQ FFHQERMEVC EKHQRWHTVV KEACLTEGMT LYSYGMLLPC GVDQFHGTEY VCCPQTKVVD SDSTMSKEEE EEEEEDEEED YALDKSEFPT EADLEDFTFA AAEDEDEEEE EEEEEGEEVV EDRDYYYDSF KGDDYNEENP TEPSSDGTIS DKEIAHDVKA VCSQEAMTGP CRAVMRWPYF DLSKGKCVRF IYGGCGGNRN NFESEDYCA VCKTMIPPTP LPTNDVDVYF ETSADDNEHA RFQKAKEQLE IRHRSRMDRV KKEWEEAELQ AKNLPKAERQ TLIQHFQAMV KALEKEAASE KQQLVETHLA RVEAMLNDRR RIALENYLAA LQSDPPRPHR ILQALRRYVR AENKDRHLTI RHYQHVLAVD PEKAAQMKSQ VMTHLHVIEE RRNQSLSLLY KVPYVAQEIQ EEIDELLQEQ RADMDQFTSS ISENPVDVRV SSEESEIIPP FHPFHPFSL SENEDTQPEL YHPMKKGSGM AEQDGGGLIGA EEKVINSKNK MDENMVIDET LDVKEMIFNA ERVGGLEEEP DSVGPLREDF SLSSS
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.
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Purity:	> 90 %
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## Target Details

Target:	APLP2
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Alternative Name:	Amyloid-like protein 2 (Aplp2) ( <a href="#">APLP2 Products</a> )
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Background:	Recommended name: Amyloid-like protein 2. Short name= APLP-2. Alternative name(s): Sperm membrane protein YWK-II
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UniProt:	<a href="#">P15943</a>
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Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Feeding Behaviour</a>
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## 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.
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to
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## 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.