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## Datasheet for ABIN1645673 UBA3 Protein (AA 2-462) (His tag)

### Overview

Quantity:	1 mg
Target:	UBA3
Protein Characteristics:	AA 2-462
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBA3 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ADGEEPEKK RRRIEELLAE KMAVDGGCGD TGDWEGRWNH VKKFLERSGP FTHPDFEPST ESLQFLLDTC KVLVIGAGGL GCELLKNLAL SGFRQIHVID MDTIDVSNLN RQFLFRPKDV GRPKEVAEAE FLNDRVPNCN VVPHFNKIQD FNDTFYRQFH IIVCGLDSII ARRWINGMLI SLLNYEDGVL DPSSIVPLID GGTEGFKGNA RVILPGMTAC IECTLELYPP QVNFPMTIA SMPRLPEHCI EYVRMLQWPK EQPFGDGVPL DGDDPEHIQW IFQKSVERAS QYNIRGVITYR LTQGVVKRII PAVASTNAVI AAVCATEVFK IATSAYIPLN NYLVFNDVDG LYTYTFEAER KENC PACSQL PQNIQFSPSA KLQEVLDYLT NSASLQMKSP AITATLEGKN RTLYLQSVTS IEERTRPNLS KTLKELGLVD GQELAVADVT TPQTVLFKLH FT
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.

## Product Details

Purity: > 90 %

## Target Details

Target: UBA3

Alternative Name: NEDD8-activating enzyme E1 catalytic subunit (Uba3) ([UBA3 Products](#))

Background: Recommended name: NEDD8-activating enzyme E1 catalytic subunit.  
EC= 6.3.2.-.  
Alternative name(s): NEDD8-activating enzyme E1C Ubiquitin-activating enzyme E1C Ubiquitin-like modifier-activating enzyme 3.  
Short name= Ubiquitin-activating enzyme 3

UniProt: [Q99MI7](#)

## 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 one week

Storage: -20 °C

## Handling

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