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Datasheet for ABIN1628554  
**MUDEN Protein (AA 1-490) (His tag)**

### Overview

Quantity:	1 mg
Target:	MUDEN (AP5M1)
Protein Characteristics:	AA 1-490
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MUDEN protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MALRAVWLIR HEPGTPLGGT VKFSRRYPTV EKRAKVFNGM NYVPVPEDGP FLKALLFQLR LLDDDKDFVE SRDSCSNINK TSIYGLSVGG EDLWPVIAFL RNDMIYASVP LVEQALSPRP PLISISGVSQ GLELLLGVHD FLYSSQKNDT DLHSRLSQLP DLLLQACPLG TLLDANLQNS LNSLNFVSVT QPQKQPAWKV GTYKGKAQIS ISITENVKSM QYGKQDIADT WQVVGTVACK CDLEGVMPNV TISLNLPTNG SPLQDIIVHP CVTSLDSAIL TSSSIDTVDD SAFSGPYKFP FTPPLESFNL CHYTSQVPVP PILGSYHMKE DGAQLKITVN LKLHESVRNN FEICEAHIPF YNRGPITHLE YKVSFGQLEV FREKSLVWI IGQKFKSME ISLSGTLTFR VQGHNRQPFD HICIGSTAYV KLNFRIDYT LTGCYADQHS VQVFASGKPK ISAYRKLIS DYYIWNSKAS APVTYASLLP
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

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Purity: > 90 %

## Target Details

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Target: MUDEN (AP5M1)

Alternative Name: AP-5 complex subunit mu-1 (Ap5m1) ([AP5M1 Products](#))

Background: Recommended name: AP-5 complex subunit mu-1.  
Alternative name(s): Adapter-related protein complex 5 mu subunit.  
Short name= Mu5 Mu-2-related death-inducing protein.  
Short name= MuD

UniProt: [Q499N2](#)

## Application Details

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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

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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.