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Datasheet for ABIN1622693

**YAP1 Protein (AA 1-469) (His tag)**

## Overview

Quantity:	1 mg
Target:	YAP1
Protein Characteristics:	AA 1-469
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This YAP1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MEPAQQPPPQ PAPQGPAPPS VSPAGTPAAP PAPPAGHQVV HVRGDSETDL EALFNAVMNP KTANVPQTV P MRLRKLPSDF FKPPEPKSHS RQASTDAGTA GALTPQHVRA HSSPASLQLG AGTLTASGVV SGPAATPAAQ HLRQSSFEIP DDVPLPAGWE MAKTS SSGQRY FLNHNDQTTT WQDPRKAMLS QLNVP TSASP AVPQ TLMNSA SGPLPDGWEQ AMTQDGEVYY INHKNKTTSW LDPRLDPRFA MNQRITQSAP VKQPPPLAPQ SPQGGVLGGG SSNQQQQIQL QQLQMEKERL RLKQQELFRQ ELALRSQLPS LEQDGGTQNA VSSPGMTQEL RTMTTNSSDP FLNSGTYHSR DESTDSGLSM SSYSIPRTPD DFLNSVDEMD TGD TISQSTL PSQQSRFPDY LEALPGTNVD LGTLEGDAMN IEGEELMP SL QEALSSEILD VESVLAATKL DKESFTWL
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: YAP1

Alternative Name: Yorkie homolog (Yap1) ([YAP1 Products](#))

Background: Recommended name: Yorkie homolog.  
Alternative name(s): 65 kDa Yes-associated protein.  
Short name= YAP65

UniProt: [Q2EJA0](#)

Pathways: [MAPK Signaling](#), [Stem Cell Maintenance](#), [Regulation of Lipid Metabolism by PPARalpha](#)

## 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 modiflicated 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.