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Datasheet for ABIN1475646  
**VPS52 Protein (AA 2-723) (His tag)**

### Overview

Quantity:	1 mg
Target:	VPS52
Protein Characteristics:	AA 2-723
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS52 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: AAAATMAAA ARELVLRAGA SDMEEEGPL GAGSGLQEPL QLGELDITSD EFILDEVVH  
IQANLEDELV KEALKTGVDL RHYSKQVELE LQQIEQKSIR DYIQESENIA SLHNQITACD  
AVLERMEQML GAFQSDLSSI SCEIRTLQEQ SGAMNIRLRN RQAVRGKLG LVDGLVPSA  
LVTAILEAPV TEPFLEQLQ ELDAKAAVR EQEARGTAAC ADVRGVLDRL RVKAVTKIRE  
FILQKIYSFR KPMTNYQIPQ TALLKYRFFY QFLLGNERAT AKEVRDEYVE TLSKIYLSYY  
RSYVGRMLMKV QYEEVAEKDD LMGVEDTAKK GFFSKPSLRS RNTIFTLGR GAVISPAELE  
APILVPHTAQ RGEQRYPFEA LFRSQHYALL DNSCREYLF CEFFVWSGPA AHDLFHAVMG  
RTLSMTLKHL ESYLADCYDA IAVFLCIHIV LRFRNIAAKR DVPALDRYWE QVLALLWPRF  
ELILEMNVQS VRSTDPQLG GLDTRPHYIT RRYAEFSSAL VSINQIPNE RTLQLLGQLQ  
VEVENFVLRV AAEFSSRKEQ LVFLINNYDM MLGVLMERAA DDSKEVESFQ QLLNARTQEF  
IEELLSPFG GLVAFVKEAE ALIERGQAER LRGEEARVTQ LIRGFGSSWK ASVESLSQDV  
MRSFTNFRNG TSIIQGALTQ LIQLYHRFHR VLSQPQLRAL PARALINIH HLMVELKHKH

## Product Details

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PNF

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.

Purity: > 90 %

## Target Details

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Target: VPS52

Alternative Name: Vacuolar protein sorting-associated protein 52 homolog (Vps52) ([VPS52 Products](#))

Background: Recommended name: Vacuolar protein sorting-associated protein 52 homolog.  
Alternative name(s): SAC2 suppressor of actin mutations 2-like protein

UniProt: [055166](#)

## 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

## 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.