

Datasheet for ABIN7586526

## VPS45 Protein (AA 1-570) (His tag)



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	VPS45
Protein Characteristics:	AA 1-570
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS45 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>MNVVFAVKQY ISKMIEDSGP GMKVLLMDKE TTGIVSMVYT QSEILQKEVY LFERIDSQNR</p> <p>EIMKHLKAIC FLRPTKENVD SLIQELRRPK YSIYFIYFSN VISKSDVKSL AEADEQEVA</p> <p>EVQEFYGDYI AVNPHLFSLN ILGCCQGRNW DPAQLSRTTQ GLTALLSLK KCPMIRYQLS</p> <p>SEAAKRLGEC VKQVISKEYE LFEFRRTVEP PLLLILDRCD DAITPLLNQW TYQAMVHELL</p> <p>GINNNRIDLS RVPGISKDLR EVVLSAENDE FYANNMYLNF AEIGSNIKNL MEDFQKKRPK</p> <p>EQQKLESIAD MKAFVENYPQ FKKMSGTVSK HVTVVGELSR LVSERNLLEV SEVEQELACQ</p> <p>NDHSSALQNV KRLLQNPKVT EFDVRLVML YALHYERHSS NSLPLGLIVDL RSKGVAEKYR</p> <p>KLVSAYVEYG GKRVRGSDLF SPKDAVAITK QFLKGLKGVE NVYTQHQPFL HETLDHLIKG</p> <p>KLKENLYPYL GPSTLRDRPQ DIIVFVIGGA TYEEALTVYN LNRTTPGVRI VLGTTIHNT</p> <p>KSFLEEVLAS GLHSRSRESS QATSRASRR</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: VPS45

Alternative Name: Vacuolar protein sorting-associated protein 45 (Vps45) ([VPS45 Products](#))

Background: Recommended name: Vacuolar protein sorting-associated protein 45.  
Short name= rVps45

UniProt: [O08700](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Synaptic Vesicle Exocytosis](#)

## 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.