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Datasheet for ABIN1473744  
**SYT12 Protein (AA 40-421) (His tag)**

### Overview

Quantity:	1 mg
Target:	SYT12
Protein Characteristics:	AA 40-421
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SYT12 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	W KLWTSGSFPS PSPFPNYDYR YLQQKYGEAY VEAALKRVPP WNAQRRTTTRG PPSRKGSLSI EDTFESISL GPLLEMGREL DLAPYGTLRK SQSADSLNSI SSVSNTFGQD FTLGQVEVSM DYDGASHTLH VAVLQGKDLL EREEATFESC FMRVSLLPDE QIVGISRIQR NAYSIFFDEK FSVPLDPTAL EEKSLRFSVF GIDEDERNVS TGVVELKLSV LDLPLQPFSG WLYLQDQNK AADAVGEILLS LSYLPTAERL TVVVVKAKNL IWTNDKTTAD PFVKVYLLQD GRKMSKKKTA VKRDDPNPVF NEAMIFSVPA IVLQDLSLRV TVAESSDGR GDNVGHVIIG PGASGMGTTH WNQMLATLRR PVSMWHPVRR N
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: SYT12

Alternative Name: Synaptotagmin-12 (Syt12) ([SYT12 Products](#))

Background: Recommended name: Synaptotagmin-12.  
Alternative name(s): Synaptotagmin XII.  
Short name= SytXII Synaptotagmin-related gene 1 protein.  
Short name= Srg1

UniProt: [P97610](#)

## 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.