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Datasheet for ABIN1676911  
**TOMM40 Protein (AA 1-336) (His tag)**

### Overview

Quantity:	1 mg
Target:	TOMM40
Protein Characteristics:	AA 1-336
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOMM40 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MGNVLAASSP APPPAGSPPV PGLVSVPPGF TMPPVAGLTP TPDKKEPQEE RLPNPGTFEE CHRKCKELFP IQMEGVKLIV NKGLSNYFQV NHTISLSTIG ESNYHFGATY VGTKQLGPAE AFPVLVGDFD NSGSLNGQII HQVTNNIRSK IALQTQOSKF VNWQLDTEYR GEDYTASVTL GNPDILVGS ILVAHYLQSI TPSLALGGEL VYHRRPGEEG TVMSLAGRYT APSWTATLTL GQAGAHATYY HKANDQLQLG VEFEASARMQ DTSVSLGYQL DLPKANLLFK GSIDSNWIVG ATLEKKLPPL PLTLAMGAFL NHKKNKFQCG FGLTIG
Specificity:	Xenopus laevis (African clawed frog)
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:	TOMM40
Alternative Name:	Mitochondrial import receptor subunit TOM40 homolog (tom40) ( <a href="#">TOMM40 Products</a> )
Background:	Recommended name: Mitochondrial import receptor subunit TOM40 homolog. Alternative name(s): Translocase of outer membrane 40 kDa subunit homolog
UniProt:	<a href="#">Q7ZTM6</a>

## 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
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.