Datasheet for ABIN7587016

TOM40 Protein (AA 1-387) (His tag)

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Overview

Quantity:	100 µg
Target:	TOM40
Protein Characteristics:	AA 1-387
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TOM40 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSAPTPLAEA SQIPTIPALS PLTAKQSKGN FFSSNPISSF VVDTYKQLHS HRQSLELVNP GTVENLNKEV SRDVFLSQYF FTGLRADLNK AFSMNPAFQT SHTFSIGSQA LPKYAFSALF ANDNLFAQGN IDNDLSVSGR LNYGWDKKNI SKVNLQISDG QPTMCQLEQD YQASDFSVNV KTLNPSFSEK GEFTGVAVAS FLQSVTPQLA LGLETLYSRT DGSAPGDAGV SYLTRYVSKK QDWIFSGQLQ ANGALIASLW RKVAQNVEAG IETTLQAGMV PITDPLMGTP IGIQPTVEGS TTIGAKYEYR QSVYRGTLDS NGKVACFLER KVLPTLSVLF CGEIDHFKND TKIGCGLQFE TAGNQELLML QQGLDADGNP LQALPQL
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	TOM40
Abstract:	TOM40 Products
Background:	Recommended name: Mitochondrial import receptor subunit TOM40. Alternative name(s): Mitochondrial import site protein ISP42 Translocase of outer membrane 40 kDa subunit
UniProt:	P23644

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