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Datasheet for ABIN1674901  
**SMCR7 Protein (AA 48-463) (His tag)**

### Overview

Quantity:	1 mg
Target:	SMCR7
Protein Characteristics:	AA 48-463
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMCR7 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	KRL IDRATSPPSD KEAEEKAEQK SIEESWKEAV LKKASPTLRR KEDLEHHCAP LSLPDPSQKM PEATGTSQVK ASDEIKKIPI CFTLQERLLN YHTHHASVPE VQMEEARQLV LDIKKELQEF LHAKHPMPF LALHLGGSFG NRLPMSCLDH ACLIMPLVLE PDLWCVIPGQ KTILSDPNFC MVKRIDLEYT SRGSSPWDRF LVGAYLSSRT MVQSLHKTIV GSINWPAIGT VLDCTIKPDI TSDCLKLEVV HPNGHMIIRI LPMVIKDAD LLAHCCATAP AENLWQRSFY KKEVSRLQEL DSSDSGIRLK CLQILKGICR DCPSLCHLNS THLRHILLHL STESSDWTET ALADRFLQVL EELIGYLDKG FLPSYFNDKL NLFSSLKAED IEELGYGLYQ VFSEPDDVLK RER
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:	SMCR7
Alternative Name:	Mitochondrial dynamic protein MID49 (smcr7) ( <a href="#">SMCR7 Products</a> )
Background:	Recommended name: Mitochondrial dynamic protein MID49. Alternative name(s): Mitochondrial dynamic protein of 49 kDa homolog Smith-Magenis syndrome chromosomal region candidate gene 7 protein homolog
UniProt:	<a href="#">Q6GQ81</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 modiflicated 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.