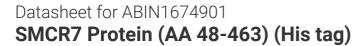
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Quantity:	1 mg
Target:	SMCR7
Protein Characteristics:	AA 48-463
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMCR7 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	KRL IDRATSPPSD KEAEEKAEQK SIEESWKEAV LKKASPTLRR KEDLEHHCAP LSLPDPSQKM
	PEATGTSQVK ASDEIKKIPI CFTLQERLLN YHTHHASVPE VQMEEARQLV LDIKKELQEF
	LHAKHPEMPF LALHLGGSFG NRLPMSCLDH ACLIMPLVLE PDLWCVIPGQ KTILSDPNFC
	MVKRIDLEYT SRGSSPWDRF LVGAYLSSRT MVQSLHKTIV GSINWPAIGT VLDCTIKPDI
	TSDELKLEVV HPNGHMIIRI LPMAVIKDAD 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, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	SMCR7
Alternative Name:	Mitochondrial dynamic protein MID49 (smcr7) (SMCR7 Products)
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:	Q6GQ81

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.