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Datasheet for ABIN1630159
TIGAR Protein (AA 1-275) (His tag)

Overview

Quantity:	1 mg
Target:	TIGAR
Protein Characteristics:	AA 1-275
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIGAR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MARFALTIVR HGETRYNKEK LLQGGIDEP LSEMCFKQAD AAGRFLSNVR FTHVFSSDLI RAKQTACAIM RNNQLSEDIK IMYDPRLRER KYGDAEGRPL SELKVMAKKA GGQCPSYTPP GGETLEQVRA CAKDFFEYLC QLVMAESSVK EKSELGASGM VGIMSTDLAP FVNHNKEPTI FGESRDVTLT ASVLLVSHGA YMRNWIKYFV EDLQFTFPPE LKKSRELSVS PNTGISHFIV TVGSGATRKP EIQCVCINLH GHLSDIDADT SHYQV
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

Target:	TIGAR
Alternative Name:	Probable fructose-2,6-bisphosphatase TIGAR (tigar) (TIGAR Products)
Background:	Recommended name: Probable fructose-2,6-bisphosphatase TIGAR. EC= 3.1.3.46. Alternative name(s): TP53-induced glycolysis and apoptosis regulator
UniProt:	Q4V7R0
Pathways:	Warburg Effect

Application Details

Comment:	<p>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.</p>
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.