Datasheet for ABIN1668644

DIABLO Protein (AA 58-244) (His tag)

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Overview

Quantity:	1 mg
Target:	DIABLO
Protein Characteristics:	AA 58-244
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIABLO protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	EPT LSSESLIKRA ASLVADSSST FLSQTTYALV ESLTEYTTAV YTLISLQQKY SSLLDKINSN EESAIWQVII GARVQINQLK EQYMKYESSW QRAVSLSEMA AEAAYQSGAD QASMTVRNHI QIVQTQVQGA RDQAHMAEVQ LAASQTEEIK RTITEDKGNP PSGGSPRNSL SEEEDIPEAY LRED
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:	DIABLO
Alternative Name:	Diablo homolog, mitochondrial (diablo) (DIABLO Products)

Target Details

Background:	Recommended name: Diablo homolog, mitochondrial. Alternative name(s): Direct IAP-binding protein with low pI Second mitochondria-derived activator of caspase. Short name= Smac protein. Short name= XSmac
UniProt:	A4GZV0
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

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.