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Datasheet for ABIN1656333 FEN1 Protein (AA 1-376) (His tag)



Overview	
Quantity:	1 mg
Target:	FEN1
Protein Characteristics:	AA 1-376
Origin:	Entamoeba dispar
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FEN1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MGIKGLSKLL ARYAPKSMKE GKIDQYSGRV IAIDASILVY QFISAVRDTT GATMVDEFGE
	TTSHIIGTFY RTIKLIESGI KPVYVFDGKP PEMKDGELNK RKENAQKAQE QLDKALEEGD
	KEQAKKLMKR TARMTKEQSD EVKKLLQLMG IPCVEANCEA EGTCAALVKA GKCYATATED
	MDALTLGSEY VVRKFSASDN KKEPIREYSL SSILEETGFS MEQFIDLCIL LGCDYCDTIK
	GVGPITAFEL IQQYKSIENV LKHLSDKYKV PENWKYKEAR ELFLHPDVAD FSDYKLEWNK
	LDEEGIKQYL VTEKHFNEER VTKGIEKLKN VKSKKAQGRL DSFFSVKKVP LSKSEAASGV
	KRKKPTTKAK ESRKKK
Specificity:	Entamoeba dispar (strain ATCC PRA-260 / SAW760)
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 %

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Target Details

Target:	FEN1
Alternative Name:	Flap endonuclease 1 (FEN1) (FEN1 Products)
Background:	Recommended name: Flap endonuclease 1.
	Short name= FEN-1.
	EC= 3.1
	Alternative name(s): Flap structure-specific endonuclease 1
UniProt:	B0EN90
Pathways:	Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA

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.

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