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Datasheet for ABIN1645206

**DFFB Protein (AA 1-349) (His tag)**

## Overview

Quantity:	1 mg
Target:	DFFB
Protein Characteristics:	AA 1-349
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DFFB protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MCAVLPQPKC VKLRALHSSC KFGVAARSCQ ELLRKGCI RF QLPVPGSRLC MYEDGTEVTD DCFPSLPNDS ELLLLTAGET WHGYVSDITR LLSVFNEPHA GVIQAARQLL SDEQAPLRQK LLADLLHHVS QNITAETREQ DPSWFEGLES RFRNKSGYLR YSCESRIRGY LREVSAYISM VDAAAREEYL RVLSSMCHKL KSVQYNGSYF DRGAEASSRL CTPEGWFSCQ GPFDLSCLS KHSINPYGNR ESRILFSTWN LDHIEKKRT VVPTLAEAIQ DGREVNWEYF YSLLFTAENL KLVHIACHKK TTHKLQCDRS RIYRPQTGSR RKQPPRKQPP RKRPKRQ
Specificity:	Rattus norvegicus (Rat)
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:	DFFB
Alternative Name:	DNA fragmentation factor subunit beta (Dffb) ( <a href="#">DFFB Products</a> )
Background:	<p>Recommended name: DNA fragmentation factor subunit beta.</p> <p>EC= 3.-.-.-.</p> <p>Alternative name(s): Caspase-activated deoxyribonuclease.</p> <p>Short name= CAD.</p> <p>Short name= Caspase-activated DNase DNA fragmentation factor 40 kDa subunit.</p> <p>Short name= DFF-40</p>
UniProt:	<a href="#">Q99N34</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>

## 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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.