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## Datasheet for ABIN1474281 IRF1 Protein (AA 1-328) (His tag)



Overview	
Quantity:	1 mg
Target:	IRF1
Protein Characteristics:	AA 1-328
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MPITRMRMRP WLEMQINSNQ IPGLSWINKE EMIFQIPWKH AALHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPPLTKNQR KERKSKSSRD TKSKTKRKLC GDSSPDTLSD GLSSSTLPDD HSSYTAQGYL GQDLDMDRDI TPALSPCVVS SSLSEWHMQM DIMPDSTTDL YNLQVSPMPS TSEAATDEDE EGKLPEDIMK LFEQSEWQPT HVDGKGYLLN EPGAQLSTVY GDFSCKEEPE IDSPGGDIEI GIQRVFTEMK NMDPVMWMDT LLGNSTRPPS IQAIPCAP
Specificity:	Rattus norvegicus (Rat)
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:	IRF1
Abstract:	IRF1 Products
Background:	Recommended name: Interferon regulatory factor 1. Short name= IRF-1
UniProt:	P23570
Pathways:	Interferon-gamma Pathway, Response to Growth Hormone Stimulus, Positive Regulation of Immune Effector Process, Hepatitis C, Autophagy

## 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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