

Datasheet for ABIN7584861
IRF1 Protein (AA 1-328) (His tag)



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Overview

Quantity:	100 µg
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 EPDPKTKWKN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPPLTKNQR KERKSKSSRD TSKTKRKLC GDSSPDTLSD GLSSSTLPDD HSSYTAQGYL GQDLMDMDRI TPALSPCVVS SSLSEWHMQM DIMPSTTDL 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, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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 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.
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.