Datasheet for ABIN1472706

IRF1 Protein (AA 1-322) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	IRF1
Protein Characteristics:	AA 1-322
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPITRMRMRP WLEMQINSNQ IPGLIWINKE EMIFQIPWKH AAKHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPPLTKNQR KERKSKSSRD AKCKAKKKSC GESSPDTFSD GLSSSTLPDD HSSYTAQGYI GQDLDIEQAL TPALSPCAIS STLPEWRIPV EIVPDSTSDL YNFQVSPMPS TSEAATDEDE EGKLTEDIMK LLEQSGWQQT NVDGKGYLLN EPGAQPTAVY GDFSCKEEPE VESPGGYTGL ISSDLKNVDT SWLDNLLTPV RLPSIQAIPC AP
Specificity:	Sus scrofa (Pig)
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:	IRF1
Abstract:	IRF1 Products
Background:	Recommended name: Interferon regulatory factor 1. Short name= IRF-1
UniProt:	A0FIN4
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.