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Datasheet for ABIN1614300 IRF3 Protein (AA 1-491) (His tag)

Overview

Quantity:	1 mg
Target:	IRF3
Protein Characteristics:	AA 1-491
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAALDSEGDA QKLRFGPWLL NAVSSGLYRG LCWIDPDRRI FRIPWKHNAR KDVTSSDVEI</p> <p>FKAWAKASGR YEGNAEDPAK WKTNFRCALR STHMFMLLED RSKCNDDPHK VYAVASGVPN</p> <p>DRGSGGPVAG ALQQQPQLLL NHHDLAENT PTDSTEGVAA AALTQVDLDL LQSVLQHCNI</p> <p>SALGSQPTLW AHTGDALPED ALLLPQDGC LPGPQFQDWR QLEEPDLLGN QPLTGGGCGQ</p> <p>DGAGALPVSE ECAIPAPSPA EELLFQSANP APPPPAGDIG GLPPLLDITI YYRGKMVYQE</p> <p>QVDDSRCVLA YQPLDPAVAE QRLVLFPSA SLDPDRQRRY TEDLLEVAGL RLEQRAGQLL</p> <p>ATRLKKCKVF WALSQLEGGE EPPLNLLHRD QETTIFDFRV FCTELRDFRD SRRERSPDFT</p> <p>IFLCFGQCFS STKPKESKLI LVKLVPQFCE YWYEQVQRGG ASSLNNGNVS LQLSDSFNLF</p> <p>ELIEQYHMQT D</p>
Specificity:	Gallus gallus (Chicken)
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.

Product Details

Purity: > 90 %

Target Details

Target: IRF3

Abstract: [IRF3 Products](#)

Background: Recommended name: Interferon regulatory factor 3.
Short name= IRF-3

UniProt: [Q90643](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

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 modiflicated 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

Handling

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