



IRF3 blocking peptide (CDBP5601)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	IRF3 interferon regulatory factor 3 [Homo sapiens (human)]
Official Symbol	IRF3
Synonyms	IRF3; interferon regulatory factor 3
Entrez Gene ID	3661
mRNA Refseq	NM_001197122

Protein Refseq	NP_001184051
UniProt ID	Q14653
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Antiviral mechanism by IFN-stimulated genes; Apoptosis; Cytokine Signaling in Immune system; Cytosolic DNA-sensing pathway; Cytosolic sensors of pathogen-associated DNA; Epstein-Barr virus infection
Function	DNA binding; identical protein binding; protein binding; protein homodimerization activity; sequence-specific DNA binding transcription factor activity; transcription cofactor activity; transcription regulatory region DNA binding