



IRF7 blocking peptide (CDBP5603)

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

PRODUCT INFORMATION

Antigen Description	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established. [provided by RefSeq, Jul 2008]
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	IRF7 interferon regulatory factor 7 [Homo sapiens (human)]
Official Symbol	IRF7
Synonyms	IRF7; interferon regulatory factor 7; IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H; IRF-7; interferon regulatory factor-7H
Entrez Gene ID	3665

mRNA Refseq	NM_001572
Protein Refseq	NP_001563
UniProt ID	Q92985
Pathway	Activated TLR4 signalling; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon; Apoptosis; Cytokine Signaling in Immune system; Cytosolic DNA-sensing pathway; Cytosolic sensors of pathogen-associated DNA; DEx/H-box helicases activate type I IFN and inflammatory cytokines production; Factors involved in megakaryocyte development and platelet production
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity; RNA polymerase II core promoter sequence-specific DNA binding; protein binding