

IRF9 抗原（重组蛋白）

中文名称：IRF9 抗原（重组蛋白）

英文名称：IRF9 Antigen (Recombinant Protein)

别名：p48; IRF-9; ISGF3; ISGF3G

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 188-393 amino acids of human IRF9

技术规格

Full name:	interferon regulatory factor 9
Synonyms:	p48; IRF-9; ISGF3; ISGF3G
Swissprot:	Q00978
Gene Accession:	BC035716
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene, previously known as ISGF3G. Transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

