

# Recombinant Human IRF9

Catalog No: #GP10532



Package Size: #GP10532-1 100ug

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## Description

Product Name	Recombinant Human IRF9
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 188-393 amino acids of human interferon regulatory factor 9
Target Name	interferon regulatory factor 9
Other Names	p48; IRF-9; ISGF3; ISGF3G
Accession No.	Swissprot:Q00978Gene Accession:BC035716
Uniprot	Q00978
GenID	10379;
Storage	-20~-80°C, pH 7.6 PBS

## 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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