

Datasheet for ABIN2723539

**IRF5 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

Quantity:	20 µg
Target:	IRF5
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

## Product Details

Characteristics:	<ul style="list-style-type: none"><li>• Recombinant human Interferon regulatory factor 5 (IRF5), transcript variant 1 (transcript variant 1) protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

## Target Details

Target:	IRF5
Abstract:	<a href="#">IRF5 Products</a>
Background:	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of

## Target Details

the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative promoter use and alternative splicing result in multiple transcript variants, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment.

Molecular Weight: 56.5 kDa

NCBI Accession: [NP\\_002191](#)

Pathways: [TLR Signaling, Autophagy](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

Concentration: 50 µg/mL

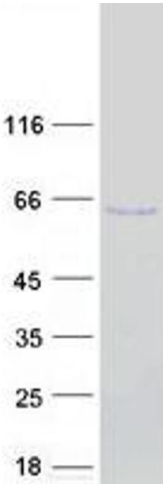
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Publications

Product cited in: Griesbeck, Ziegler, Laffont, Smith, Chauveau, Tomezsko, Sharei, Kourjian, Porichis, Hart, Palmer, Sirignano, Beisel, Hildebrandt, Cénac, Villani, Diefenbach, Le Gall, Schwartz, Herbeuval, Autran et al.: "Sex Differences in Plasmacytoid Dendritic Cell Levels of IRF5 Drive Higher IFN-α Production in Women. ..." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 195, Issue 11, pp. 5327-36, (2015) ([PubMed](#)).



Western Blotting

**Image 1.** Validation with Western Blot