

## IRF4

### Recombinant Human Interferon Regulatory Factor 4 (aa 144-451) GST

<b>Catalog No.</b>	CRI125A	<b>Quantity:</b>	2 µg
	CRI125B		5 µg
	CRI125C		10 µg

**Alternate Names:** Interferon regulatory factor 4, IRF-4, Lymphocyte-specific interferon regulatory factor, LSIRF, NF-EM5, Multiple myeloma oncogene 1, IRF4, MUM1.

**Description:** IRF4 is a transcriptional activator, belonging to the IRF family. It binds to the interferon-stimulated response element (ISRE) of the MHC Class I promoter (but is not induced by Interferons). IRF4 binds the immunoglobulin lambda light chain enhancer, together with Pu.1. It most likely plays a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells.

IRF4 / MUM1 is expressed in the nuclei and cytoplasm of plasma cells and a small percentage of germinal center (GC) B cells mainly located in the "light zone". Its morphologic spectrum ranged from that of centrocyte to that of a plasmablast/plasma cell, and it displayed a phenotype (MUM1+/Bcl-6/Ki67 ) different from that of most GC B cells (MUM1 /Bcl-6+/Ki67+) and mantle B cells (MUM1 /Bcl-6 /Ki67 ).

IRF4 Human Recombinant (aa 144-451) expressed in E.coli. IRF4 is antibody reactive. The IRF4 is fused to a GST tag and purified by proprietary chromatographic techniques.

**GeneID:** 3662

**Source:** *E. coli*

**Formulation:** IRF-4 in 50 mM Tris-Acetate, pH 7.5 + 1 mM EDTA and 20% Glycerol.

**Physical Appearance:** Sterile Filtered clear solution.

**Applications:**

- ELISA
- Inhibition Assays
- Western Blotting.

**Storage & Stability:** Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

**Please prevent freeze-thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

