

Recombinant Human IRF4 Protein, GST-His-tagged

Cat. No. IRF4-726H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRF4, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	<p>The protein encoded by this gene belongs to the IRF (interferon regulatory factor) family of transcription factors, characterized by a unique tryptophan pentad repeat DNA-binding domain. The IRFs are important in the regulation of interferons in response to infection by virus, and in the regulation of interferon-inducible genes. This family member is lymphocyte specific and negatively regulates Toll-like-receptor (TLR) signaling that is central to the activation of innate and adaptive immune systems. A chromosomal translocation involving this gene and the IgH locus, t(6;14)(p25;q32), may be a cause of multiple myeloma. Alternatively spliced transcript variants have been found for this gene.</p>
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	79.6kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name IRF4 interferon regulatory factor 4 [Homo sapiens]

Official Symbol IRF4

Synonyms IRF4; interferon regulatory factor 4; MUM1; LSIRF; multiple myeloma oncogene 1; lymphocyte-specific interferon regulatory factor; NF-EM5;

Gene ID 3662

mRNA Refseq NM_001195286

Protein Refseq NP_001182215

MIM 601900

UniProt ID Q15306

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