

Product datasheet for **AR51437PU-S**

IRF5 (176-240, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	IRF5 (176-240, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSPTL QPPTLQPPVW LGPPAPDPSP LAPPPGNPAG FRELLSEVLE PGPLPASLPP AGEQLLPDLL I
Tag:	His-tag
Predicted MW:	10.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IRF5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001092097
Locus ID:	3663
UniProt ID:	Q13568
Cytogenetics:	7q32.1
Synonyms:	Interferon regulatory factor 5, IRF-5



[View online »](#)

Summary:

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 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. [provided by RefSeq, Dec 2016]

Protein Families:

Transcription Factors

Protein Pathways:

Toll-like receptor signaling pathway

Product images: