

Datasheet for ABIN7455628
IRF5 Protein (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	IRF5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Interferon Regulatory Factor 5 is produced by our E.coli expression system and the target gene encoding Met1-Gln498 is expressed with a 6His tag at the C-terminus.
Characteristics:	Extracellular Domain Protein
Purification:	Affinity purification
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	IRF5
Alternative Name:	IRF5 (IRF5 Products)
Background:	Interferon Regulatory Factor 5 (IRF5) is a member of the IRF family. It contains one IRF tryptophan pentad repeat DNA-binding domain. IRF5 shuttles between the nucleus and the cytoplasm. IRF5 can form homodimer when it is phosphorylated. IRF5 functions as a

Target Details

transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. Genetic variations in IRF5 are associated with susceptibility to systemic lupus erythematosus type 10. In addition, the genetic variations wil result in susceptibility to rheumatoid arthritis.

Molecular Weight: 57.1 KDa

UniProt: [Q13568](#)

Pathways: [TLR Signaling, Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

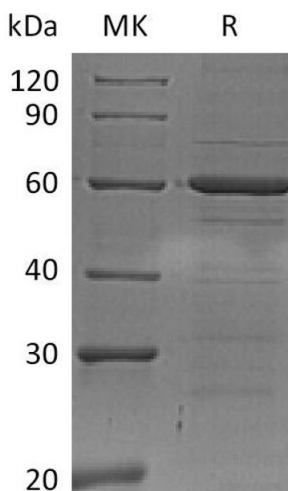
Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 30 % Glycerol, 1 mM DTT, pH 8.0.

Storage: -80 °C

Storage Comment: Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.

Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Greater than 95 % as determined by reducing SDS-PAGE.