PRODUCT INFORMATION

Target	IRF5
Synonyms	Interferon Regulatory Factor 5;IRF-5;IRF5
Description	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.
Delivery	In Stock
Uniprot ID	Q13568
Expression Host	E.coli
Tag	C-6×His Tag
Molecular Characterization	Not available
Molecular Weight	57.1 KDa
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 30% Glycerol, 1mM DTT, pH 8.0.
Storage&Shipping	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.
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 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.
Usage	Research use only
Conjugate	Unconjugated

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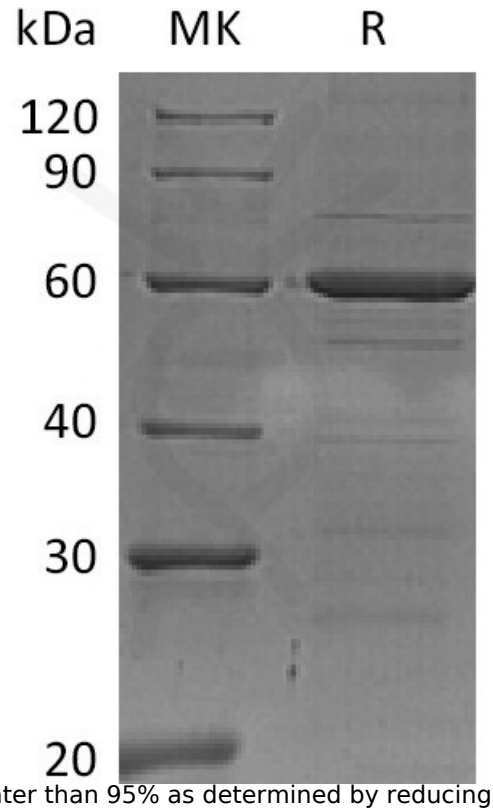


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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