

Product datasheet for **TP725430**

IRF5 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Interferon regulatory factor 5/IRF5 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Gln498
Tag:	C-6His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 30% Glycerol, 1 mM DTT, pH8.0
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	3663
UniProt ID:	Q13568
Summary:	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 will result in susceptibility to rheumatoid arthritis.



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