9051 Mira Mesa Blvd, #910094
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IRF 5 Human

IFN Regulatory Factor-5 Human Recombinant
CYK0472

Product Overview

Name	IRF 5 Human
Description	
IFN Regulatory Factor-5 Human Recombinant	
Accession (Primary)	Q13568
Synonyms	
IFN Regulatory Factor 5, IRF-5, SLEB10, IBD14.	
Introduction	
IFN Regulatory Factor-5, also known as IRF5 belongs to the IFN regulatory factor (IRF) family, a group of transcription factors with various functions, including virus-mediated activation of IFN, 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. Multiple transcript variants encoding different isoforms have been found for this gene. In addition, IRF5 is implicated in the induction of IFNs IFNA and INFB and inflammatory cytokines upon virus infection. IRF5 is activated by TLR7 or TLR8 signaling.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
IRF5 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS PPTL QPPTLQPPVV LGPPAPDPSP LAPPPGNPAG FRELLSEVLE PGPLPASLPP AGEQLLPDLL I	
Precautions	

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IRF 5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13568)