Recombinant Human IRF9 Protein, His tagged

Cat. No. IRF9-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRF9 protein (238-393 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	238-393 aa
Description	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. Mutations in this gene result in Immunodeficiency 65.
Molecular Mass	19 kDa
AA Sequence	MSLDCRLVAEPSGSESSMEQVLFPKPGPLEPTQRLLSQLERGILVASNPRGLFVQRL CPIPISWNAPQAPPGPGPHLLPSNECVELFRTAYFCRDLVRYFQGLGPPPKFQVTLN FWEESHGSSHTPQNLITVKMEQAFARYLLEQTPEQQAAILSLVHHHHHHHH
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE

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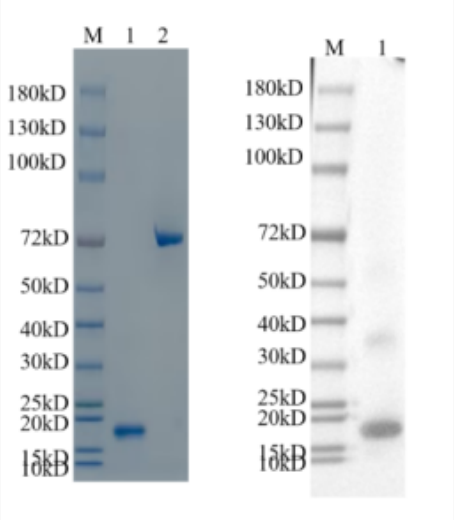
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10 % Glycerol
Concentration	0.72 mg/mL by BCA

GENE INFORMATION

Gene Name	IRF9 interferon regulatory factor 9 [Homo sapiens (human)]
Official Symbol	IRF9
Synonyms	IRF9; interferon regulatory factor 9; interferon stimulated transcription factor 3, gamma (48kD), interferon stimulated transcription factor 3, gamma 48kDa, ISGF3G; ISGF-3 gamma; ISGF3 p48 subunit; interferon-stimulated gene factor 3 gamma; transcriptional regulator ISGF3 subunit gamma; IFN-alpha-responsive transcription factor subunit; interferon-stimulated transcription factor 3, gamma 48kDa; interferon-stimulated transcription factor 3, gamma (48kD); p48; IRF-9; ISGF3; ISGF3G
Gene ID	10379
mRNA Refseq	NM_006084
Protein Refseq	NP_006075
MIM	147574
UniProt ID	Q00978

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Reducing 4 %-20 % SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified IRF9.



1. IRF9: 1 μg
2. BSA: 1 μg

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