Recombinant Mouse IRF5 Protein (1-497 aa), His-SUMO-tagged

Cat. No. IRF5-585M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IRF5 Protein (1-497 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-497 aa
Description	Transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. Activated by TLR7 or TLR8 signaling.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	72.0 kDa
AA Sequence	MNHSAPGIPPPPRRVRLKPWLVAQVNSCQYPGLQWVNGEKKLFYIPWRHATRHGP SQDGDNTIFKAWAKETGKYTEGVDEADPAKWKANLRCALNKSRDFQLFYDGPRDM PPQPYKIYEVCSNGPAPTESQPTDDYVLGEEEEEEEEELQRMLPGLSITEPALPGPP NAPYSLPKEDTKWPPALQPPVGLGPPVPDPNLLAPPSGNPAGFRQLLPEVLEPGPL ASSQPPTEPLLPDLLISPHMLPLTDLEIKFQYRGRAPRTLTISNPQGCRLFYSQLEAT QEQVELFGPVTLEQVRFPSPEDIPSDKQRFYTNQLLDVLDRGLILQLQGQDLYAIRLC QCKVFWSGPCALAHGSCPNPIQREVKTKLFSLEQFLNELILFQKGQTNTPPPFEIFFC FGEEWPDVKPREKKLITVQVVPVAARLLLEMFSGELSWSADSIRLQISNPDLKDHMV

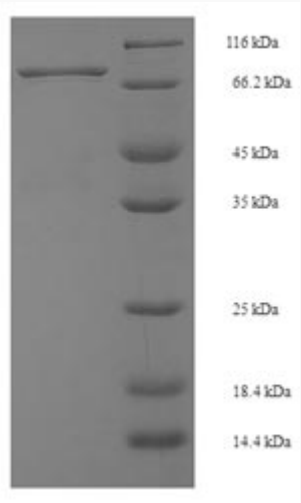
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	EQFKELHHLWQSQQQLQPMVQAPPVAGLDASQGPWPMHPVGMQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	Irf5 interferon regulatory factor 5 [Mus musculus]
Official Symbol	IRF5
Synonyms	IRF5; IRF-5; mirf5; AW491843;
Gene ID	27056
mRNA Refseq	NM_001252382
Protein Refseq	NP_001239311
UniProt ID	P56477

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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