

Recombinant Human IRF5 Protein

Catalog #	Source	Reactivity	Applications
CRP1832	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human IRF5 Protein 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.
Form	Liquid in a a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, 30% Glycerol, 1mM DTT, pH 8.0.
Gene Symbol	IRF5
Alternative Names	Interferon regulatory factor 5; IRF-5
Entrez Gene	3663 (Human)
SwissProt	Q13568 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MNQSIPVAPT PRRVRLKPW LVAQVNSCQY PGLQWVNGEK KLFCIPWRHA TRHGPSQDGD NTIFKAWAKE TGKYTEGVDE ADPAKWKANL RCALNKS RDF RLIYDGPRDM PPQPYKIYEV CSNGPAPTDS QPPEDYSFGA GEEEEEEEL QRMLPSLSLT EDVKWPPTLQ PPTLRPPTLQ PPTLQPPVVL GPPAPDPSPL APPPGNPAGF RELLSEVLEP GPLPASLPPA GEQLLPDLLI SPHMLPLTDL EIKFYRGRP PRALTISNPH GCRLFYSQLE ATQEQVELFG PISLEQVRFSPEDIPSDKQ RFYTNQLLDV LDRGLILQLQ GQDLYAIRLC QCKVFWSGPC ASAHDSCP NP IQREVKT KLF SLEHFLNELI LFQKGQT NTP PPFEIFFCFG EEWPDRKPRE KKLITVQVVP VAARLLLEMF SGELSW SADS IRLQISNPDL KDRMVEQFKE LHHIWQSQQR LQPVAQAPP G AGLGVGQGPW PMHPAGMQLE HHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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