

Interferon regulatory factor 8 Recombinant Protein | Irf8 recombinant protein

Recombinant Mouse Interferon regulatory factor 8

CATALOG # AAA113235	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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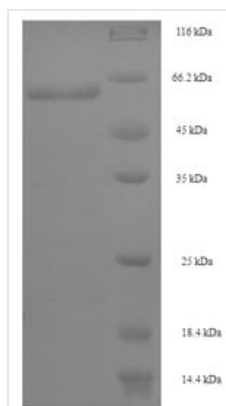
PRODUCT SYNONYMS

Interferon regulatory factor 8; Recombinant Mouse Interferon regulatory factor 8; Interferon consensus sequence-binding protein; ICSBP; Irf8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-424aa; Full Length
Sequence	MCDRNGGRRL RQWLIEQIDS SMYPGLIWEN DEKTMFRIPW KHAGKQDYNQ EVDASIFKAW AVFKGKFKEG DKAEPATWKT RLRCALNKSP DFEVTDTSQ LDISEPYKVY RIVPEEQKC KLGVPAGCM SEVPEMECGR SEIEELIKEP SVDEYMGMTK RSPSPPEACR SQILPDWWVQ QPSAGLPLVT GYAAYDTHHS AFSQMVISFY YGGKLVGQAT TTCLEGCRLS LSQPLPKLY GPDGLEPVCF PTADTIPSER QRQVTRKLFH HLERGVLLHS NRKGVFVKRL CQGRVFCSGN AVVCKGRPNK LERDEVVQVF DTNQFIRELQ QFYATQSRPL DSRVVLFCGE EFPDTPVPLRS KLILVQVEQL YARQLVEEAG KSCGAGSLMP ALEEQPDQA FRMFDPDICTS HQRPFRENQ QITV
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Irf8 recombinant protein	Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)). Plays a regulatory role in cells of the immune system. Involved in CD8+ dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGATCA/GAAA-3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF8 and activation of genes.
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References	An interferon gamma-regulated protein that binds the interferon-inducible enhancer element of major histocompatibility complex class I genes.Driggers P.H., Ennist D.L., Gleason S.L., Mak W.-H., Marks M.S., Levi B.-Z., Flanagan J.R., Appella E., Ozato K.Proc. Natl. Acad. Sci. U.S.A. 87:3743-3747(1990) Autoantigen Ro52 is an interferon inducible E3 ligase that ubiquitinates IRF-8 and enhances cytokine expression in macrophages.Kong H.J., Anderson D.E., Lee C.H., Jang M.K., Tamura T., Tailor P., Cho H.K., Cheong J., Xiong H., Morse H.C. III, Ozato K.J. Immunol. 179:26-30(2007) Compensatory dendritic cell development mediated by BATF-IRF interactions.Tussiwand R., Lee W.L., Murphy T.L., Mashayekhi M., Kc W., Albring J.C., Satpathy A.T., Rotondo J.A., Edelson B.T., Kretzer N.M., Wu X., Weiss L.A., Glasmacher E., Li P., Liao W., Behnke M., Lam S.S., Aurthur C.T., Leonard W.J., Singh H., Stallings C.L., Sibley L.D., Schreiber R.D., Murphy K.M.Nature 490:502-507(2012)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	685424584
NCBI GeneID	15900
NCBI Accession #	NP_001288740.1
NCBI GenBank Nucleotide #	NM_001301811.1
UniProt Accession #	P23611
Molecular Weight	64.2 kDa
NCBI Official Full Name	interferon regulatory factor 8
NCBI Official Synonym Full Names	interferon regulatory factor 8
NCBI Official Symbol	Irf8
NCBI Official Synonym Symbols	Myls; ICSBP; IRF-8; Icsbp1; AI893568
NCBI Protein Information	interferon regulatory factor 8
UniProt Protein Name	Interferon regulatory factor 8
UniProt Gene Name	Irf8
UniProt Synonym Gene Names	Icsbp; Icsbp1; IRF-8; ICSBP
UniProt Entry Name	IRF8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.