



Recombinant Mouse Interferon regulatory factor 3 (Irf3)

Product Code	CSB-EP011818MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70671
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	METPKPRILP WLVSQDLGQ LEGVAWLDES RTRFRIPWKH GLRQDAQMAD FGIFQAWAEA SGAYTPGKDK PDVSTWKRNK RSALNRKEVL RLAADNSKDP YDPHKVYEFV TPGARDFVHL GASPDNGKS SLPHSQENLP KLFDGLILGP LKDEGSSDLA IVSDPSQQLP SPNVNNFLNP APQENPLKQL LAEEQWEFEV TAFYRGRQVF QQTLCFPGGL RLVGSTADMT LPWQPVTLPD PEGFLTDKLV KEYVGQVLKG LGNGLALWQA GQCLWAQRLG HSHAFWALGE ELLPDSEGRGP DGEVHKDKDG AVFDLRPFVA DLIAFMEGSG HSPRYTLWFC MGEMWPQDQP WVKRLVMVKV VPTCLKELLE MAREGGASSL KTVDLHISNS QPISLTSDQY KAYLQDLVED MDFQATGNI
Source	E.coli
Target Names	Irf3
Protein Names	Recommended name: Interferon regulatory factor 3 Short name= IRF-3
Expression Region	1-419
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.