



Recombinant Mouse Interferon regulatory factor 8 (Irf8)

Product Code	CSB-EP011823MO-B
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P23611
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MCDRNGGRRRL RQWLIEQIDS SMYPGLIWEN DEKTMFRIPW KHAGKQDYNQ EVDASIFKAW AVFKGKFKEG DKAEPATWKT RLRCALNKSP DFEEVTDRSQ LDISEPYKVY RIVPEEEQKC KLGVPAGCM SEVPEMECGR SEIEELIKEP SVDEYMGMTK RSPSPPEACR SQILPDWWVQ QPSAGLPLVT GYAAAYDTHHS AFSQMVISFY YGGKLVGQAT TTCLEGCRSL LSQPGLPKLY GPDGLEPVCF PTADTIPSER QRQVTRKLFH HLERGVLLHS NRKGVFVKRL CQGRVFCSGN AVVCKGRPNK LERDEVVQVF DTNQFIRELQ QFYATQSRLP DSRVVLCFGE EFPDTVPLRS KLILVQVEQL YARQLVEEAG KSCGAGSLMP ALEEPQPDQA FRMFPDICTS HQRPFRENQ QITV
Source	E.coli
Target Names	Irf8
Protein Names	Recommended name: Interferon regulatory factor 8 Short name= IRF-8 Alternative name(s): Interferon consensus sequence-binding protein Short name= ICSBP
Expression Region	1-424
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	Interferon consensus sequence-binding protein (ICSBP) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA-binding domain in the N-terminal region and a divergent C-terminal region that serves as the regulatory domain. The IRF family proteins bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN-alpha and IFN-beta. IRF family proteins also control expression of IFN-alpha and IFN-beta-regulated genes that are induced by viral infection.
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

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