



Recombinant Mouse Interferon regulatory factor 7 (Irf7)

Product Code	CSB-EP011822MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70434
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MAEVRGVQRV LFGDWLLGEV SSGQYEGLQW LNEARTVFRV PWKHFGRRL DEEDAQIFKA WAVARGRWPP SGVNLPPPEA EAAERRERRG WKTNFRCALH STGRFILRQD NSGDPVDPHK VYELSRELGS TVGPATENRE EVSLSNALPT QGVSPGSFLA RENAGLQTPS PLLSSDAGDL LLQVLQYSHI LESESGADPV PPQAPGQEQD RYEEPYAAW QVEAVPSRP QQPALTERSL GFLDVTIMYK GRTVLQAVVG HPRCVFLYSP MAPAVRTSEP QPVIFFSPAELPDQKQLHYT ETLQHVSPG LQLELRGPSL WALRMGKCKV YWEVGSPMGT TGPSTPPQLL ERNRHTPIFD FSTFFRELEE FRARRRQGSP HYTIYLGFGQ DLSAGRPKEK TLILVKLEPW VCKAYLEGVQ REGVSSLDSS SLGLCLSSTN SLYEDIEHFL MDLGQWP
Source	E.coli
Target Names	Irf7
Protein Names	Recommended name: Interferon regulatory factor 7 Short name= IRF-7
Expression Region	1-457
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	IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established.
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.