



# Recombinant Bovine Interferon regulatory factor 3 (IRF3)

<b>Product Code</b>	CSB-EP011818BO-B
<b>Abbreviation</b>	IRF3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q4JF28
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGTQKPRILP WLISQLDRGE LEGVAWLGES RTRFRIPWKH GLRQDAQQED FGIFQAWAVA SGAYTPGKDK PDLPTWKRNF RSALNRKEVL RLAEDHSKDS QDPHKIYEFV NSGVRDIPEP DTSQDNGRHN TSQTQEDTLE KLLSDMDLSP GGPSNLTMAS EKPPQFLQSP DSDIPALCPN SGLSENPLKQ LLANEEDWEF EVTAFYRGCQ VFQQTVFCPG GLRLVGSEAG DRMLPGQPIR LPDPATSLTD KSVTDYVQRV LSCLGGGLAL WRAGQWLCAQ RLGHCCHVYWA IGEELLPCSG HKPDGEVPKD REGGVFNLGP FITDLITFIE GSRRSPLYTL WFCVGQSWPQ DQPWIKRLVM VKVVPMLLRV LVDIARQGGA SSELENTVDLH ISNSDPLSLT PDQYMAQLQD LAEDMDF
<b>Source</b>	E.coli
<b>Target Names</b>	IRF3
<b>Protein Names</b>	Recommended name: Interferon regulatory factor 3 Short name= IRF-3
<b>Expression Region</b>	1-417
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.