



# Recombinant Bovine Interferon regulatory factor 5 (IRF5)

<b>Product Code</b>	CSB-EP011820BO
<b>Abbreviation</b>	IRF5
<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>	Q58DJ0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNQPAPAALL PRRVRLKPW LVAQVNSCQY PGLQWVNGEK KLFYIPWRHA TRHGPSHDGD NTIFKAWAKE TGKYTEGVDE ADPAKWKANL RCALNKSRDF RLIYDGPRDM PPQPYKVYEV CSNGPAPAES QPSEDNAEEE EEEELQKMLP GLSITEAVQP GPAMAPYSLP KEDVKWPPTL QPPVVLAPPA PGPNLLVPAP GNAADFGEVF SEVLPSSQPQ PGSLSLSTLAP TGEQLLPDLL ISPHMLPLTD LEIKFQYRGR PPRALTISNP QSCRLLYSQL EATQEQVELF GPVSLEQVRF PSPEDIPSEK QRFYTNQLLD VLDRGLILQI QGQDLYAIRL CQCKVFWSGP CASAQGSHPN PIQREVTKL FSLEDFLNEL ILFQKGQTNT PPPFEIFFCF GEEWPDCKPR EKKLITVQVV PVAARMMLLEM FSGELSWSAD SIRLQISNPD LKDRMVEQFK ELHHIWSLQQ HLQPVAQTPA MPGLSAAQGP WPMHPVGMQ
<b>Source</b>	E.coli
<b>Target Names</b>	IRF5
<b>Protein Names</b>	Recommended name: Interferon regulatory factor 5 Short name= IRF-5
<b>Expression Region</b>	1-499
<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>	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative splice variants encoding different isoforms exist.
<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.

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**Shelf Life**

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