



# Recombinant Chicken Interferon regulatory factor 8 (IRF8)

<b>Product Code</b>	CSB-EP011823CH
<b>Abbreviation</b>	IRF8
<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>	Q90871
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MCDRNGGRRRL RQWLIEQIDS EQYPGLIWEN EEKTMFRIPW KHAGKQDYNQ EVDASIFKAW AVFKGKFKEG DKAEPATWKT RLRCALNKSP DFEEVTDRSQ LDISEPYKVY RIVPEEEQKC KIGVGNQSSSL TDVGDMDDCSP SAIDDLMKEP PCVDEYLGII KRSPSPQET CRNPPIPDWW MQQPSPSLPL VNGYTGIEQH HSGYSQMVIT FFYSGRLVGH ITTSYPEGCR LSLSQPSNHG EKLYTPDSLE HVRFPSEAEI QNDRQKQITK KLFGLHLEGRV LLHSNKQGIF IKRLCQGRVF WSGNTVVYKD RPSKLDREDEV VKIFDTNLFF RELQQYYNNQ GRFPDSRVML CFGEEFPDTV PLRCKLILVQ VEQLCVRQVM EEAGKTCSSP MLPDDVQEQ VYRIFQDICG PHQRPLFREN QQIAV
<b>Source</b>	E.coli
<b>Target Names</b>	IRF8
<b>Protein Names</b>	Recommended name: Interferon regulatory factor 8 Short name= IRF-8 Alternative name(s): Interferon consensus sequence-binding protein Short name= ICSBP
<b>Expression Region</b>	1-425
<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>	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.



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**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.

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**Shelf Life**

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