Recombinant Rat Interferon regulatory factor 1 (Irf1)

Product Code	CSB-BP011814RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23570
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MPITRMRMRP WLEMQINSNQ IPGLSWINKE EMIFQIPWKH AALHGWDINK DACLFRSWAI HTGRYKAGEK EPDPKTWKAN FRCAMNSLPD IEEVKDQSRN KGSSAVRVYR MLPPLTKNQR KERKSKSSRD TKSKTKRKLC GDSSPDTLSD GLSSSTLPDD HSSYTAQGYL GQDLDMDRDI TPALSPCVVS SSLSEWHMQM DIMPDSTTDL YNLQVSPMPS TSEAATDEDE EGKLPEDIMK LFEQSEWQPT HVDGKGYLLN EPGAQLSTVY GDFSCKEEPE IDSPGGDIEI GIQRVFTEMK NMDPVMWMDT LLGNSTRPPS IQAIPCAP
Source	Baculovirus
Target Names	Irf1
Protein Names	Recommended name: Interferon regulatory factor 1 Short name= IRF-1
Expression Region	1-328
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	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppressoion.
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.