



Recombinant Human Interferon regulatory factor 7 (IRF7)

Product Code	CSB-BP011822HU
Abbreviation	IRF7
Storage	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.
Uniprot No.	Q92985
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MALAPERAAP RVLFGEWLLG EISSGCYEGL QWLDEARTCF RVPWKHFARK DLSEADARIF KAWAVARGRW PPSSRGGGPP PEAETAERAG WKTNFRCALR STRRFVMLRD NSGDPADPHK VYALSRELCW REGPGTDQTE AEAPAAVPPP QGGPPGPFLA HTHAGLQAPG PLPAPAGDKG DLLLQAVQQS CLADHLLTAS WGADPVPTKA PGEGQEGLPL TGACAGGPGL PAGELYGWAV ETPSPGPQP AALTTGEAAA PESPHQAEPY LSPSPSACTA VQEPSPGALD VTIMYKGRTV LQKVVGHPSC TFLYGPPDPA VRATDPQQVA FPSPAELPDQ KQLRYTEELL RHVAPGLHLE LRGPQLWARR MGKCKVYWEV GGPPGSASPS TPACLLPRNC DTPIFDFRVF FQELVEFRAR QRRGSPRYTI YLGFGQDLA GRPKEKSLVL VKLEPWLCRV HLEGTQREGV SSLDSSSLSL CLSSANSLYD DIECFLEMELE QPA
Source	Baculovirus
Target Names	IRF7
Protein Names	Recommended name: Interferon regulatory factor 7 Short name= IRF-7
Expression Region	1-503
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.