



Recombinant Human Interferon regulatory factor 5 (IRF5)

Product Code	CSB-EP011820HU
Abbreviation	IRF5
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.	Q13568
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNQSIPVAPT PRRVRLKPW LVAQVNSCQY PGLQWVNGEK KLFCIPWRHA TRHGPSQDGD NTIFKAWAKE TGKYTEGVDE ADPAKWKANL RCALNKSRDF RLIYDGPRDM PPQPYKIYEV CSNGPAPTDS QPPEDYSFGA GEEEEEEEEEL QRMLPSLSLT EDVKWPPTLQ PPTLRPPTLQ PPTLQPPVVL GPPAPDPSPL APPPGNPAGF RELLSEVLEP GPLPASLPPA GEQLLPDLLI SPHMLPLTDL EIKFQYRGRP PRALTISNPH GCRLFYSQLE ATQEQVELFG PISLEQVRF SPEDIPSDKQ RFYTNQLLDV LDRGLILQLQ GQDLYAIRLC QCKVFWSGPC ASAHDSCPNP IQREVKTKLF SLEHFLNELI LFQKGQTNTP PPFEIFFCFG EEWPDRKPRE KKLITVQVVP VAARLLEMF SGELSWSADS IRLQISNPDL KDRMVEQFKE LHIIWQSQQR LQPVAQAPPG AGLGVGQGPW PMHPAGMQ
Source	E.coli
Target Names	IRF5
Protein Names	Recommended name: Interferon regulatory factor 5 Short name= IRF-5
Expression Region	1-498
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	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.
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.