



Recombinant Human Gamma-interferon-inducible protein 16 (IFI16)

| | |
|--------------------------|---|
| Product Code | CSB-BP620975HU |
| Abbreviation | IFI16 |
| 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. | Q16666 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MGKKYKNIVL LKGLEVINDY HFRMVKSLLS NDLKLNLMR EEYDKIQIAD LMEEKFRGDA GLGKLIKIFE DIPTLEDLAE TLKKEKLVK GPALSRKRKK EVDATSPAPS TSSTVKTEGA EATPGAQKRK KSTKEKAGPK GSKVSEEQTQ PPSPAGAGMS TAMGRSPSPK TSLSAPPNSS STENPKTVAK CQVTPRRNVL QKRPVIVKVL STTKPFYET PEMEKKIMFH ATVATQTQFF HVKVLNTSLK EKFNGKKIII ISDYLEYDSL LEVNEESTVS EAGPNQTFEV PNKIINRAKE TLKIDILHKQ ASGNIVYGVF MLHKKTVNQK TTIYEIQDDR GKMDVVGTGQ CHNIPCEEGD KLQLFCFRLR KKNQMSKLIS EMHSFIQIKK KTNPRNNDPK SMKLPQEQRQ LPYPSEASTT FPESHRLRTPQ MPPTTPSSSF FTKKSEDTIS KMNDFMRMQI LKEGSHFPGP FMTSIGPAES HPHTPQMPPS TPSSSFLTTK SEDTISKMND FMRMQILKEG SHFPGPFMTS IGPAESHPT PQMPPSTPSS SFLTTLKPRL KTEPEEVSIE DSAQSDLKEV MVLNATESFV YEPKEQKMF HATVATENEV FRVKVFNIDL KEKFTPKKII AIANYVCRNG FLEVYPFTLV ADVADRME IPKGLIRSAS VTPKINQLCS QTKGSFVNGV FEVHKKNVRG EFTYYEIQDN TGKMEVVVHG RLTTINCEEG DKLKLTCEFEL APKSGNTGEL RSVIHSHIKV IKTRKNKKDI LNPDSSMETS PDIFF |
| Source | Baculovirus |
| Target Names | IFI16 |
| Protein Names | Recommended name: Gamma-interferon-inducible protein 16 Short name= Ifi-16 Alternative name(s): Interferon-inducible myeloid differentiation transcriptional activator |
| Expression Region | 1-785 |
| 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 HIN-200 (hematopoietic interferon- |



inducible nuclear antigens with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway.

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.