



# Recombinant Human Interferon kappa (IFNK)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP889172HU-B  |
| <b>Abbreviation</b>      | IFNK  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q9P0W0  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | LDC NLLNVHLRRV TWQNLRLHSS MSNSFPVECL RENIAFELPQ<br>EFLQYTQPMK RDIKKAFYEM SLQAFNIFSQ HTFKYWKERH LKQIQIGLDQ<br>QAEYLNQCLE EDKNENEDMK EMKENEMKPS EARVPQLSSL ELRRYFHRID<br>NFLKEKKYSD CAWEIVRVEI RRCLYYFYKF TALFRRK   |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | IFNK  |
| <b>Protein Names</b>     | Recommended name: Interferon kappa Short name= IFN-kappa  |
| <b>Expression Region</b> | 28-207  |
| <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 of Mature Protein   |
| <b>Target Details</b>    | This gene encodes a member of the type I interferon family. Type I interferons are a group of related glycoproteins that play an important role in host defenses against viral infections. This protein is expressed in keratinocytes and the gene is found on chromosome 9, adjacent to the type I interferon cluster.   |
| <b>Reconstitution</b>    | 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. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |