



Recombinant Human Heat shock factor protein 4 (HSF4)

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| Product Code | CSB-EP890934HU |
| Abbreviation | HSF4 |
| 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. | Q9ULV5 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MQEAPAAALPT EPGPSPVPAF LGKLWALVGD PGTDHLIRWS PSGTSFLVSD QSRFAKEVLP QYFKHSNMAS FVRQLNMYGF RKVVSIEQGG LLRPERDHVE FQHPSFVRGR EQLLERVRRK VPALRGDDGR WRPEDLGRLL GEVQALRGVQ ESTEARLREL RQQNEILWRE VVTLRQSHGQ QHRVIGKLIQ CLFGPLQAGP SNAGGKRKLS LMLDEGSSCP TPAKFNTCPL PGALLQDPYF IQSPLPETNL GLSPHRARGP IISDIPEDSP SPEGTRLSPS SDGRREKGLA LLKEEPASPG GDGEAGLALA PNECDFCVTA PPPLPVAVVQ AILEGKGSFS PEGPRNAQQP EPGDPREIPD RGPLGLES GD RSPESLLPPM LLQPPQESVE PAGPLDVLGP SLQGREWTLM DLDMELSLMQ PLVPERGEPE LAVKGLNSPS PGKDPTLGAP LLLDVQAALG GPALGLPGAL TIYSTPESRT ASYLGPEASP SP |
| Source | E.coli |
| Target Names | HSF4 |
| Protein Names | Recommended name: Heat shock factor protein 4 Short name= HSF 4 Short name= hHSF4 Alternative name(s): Heat shock transcription factor 4 Short name= HSTF 4 |
| Expression Region | 1-492 |
| 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 | Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described. |

**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

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