



Recombinant Human Krueppel-like factor 4 (KLF4)

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| Product Code | CSB-YP012394HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O43474 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MRQPPGESDM AVSDALLPSF STFASGPAGR EKTLRQAGAP NNRWREELSH MKRLPPVLPQ RPYDLAAATV ATDLESGGAG AACGGSNLAP LPRRETEEFN DLLDLDFILS NSLTHPPESV AATVSSSSASA SSSSSPSSSSG PASAPSTCSF TYPIRAGNDP GVAPGGTGGG LLYGRESAPP PTAPFNLADI NDVSPSGGFV AELLRPELDP VYIPPQQPQP PGGGLMGKFV LKASLSAPGS EYGSPSVISV SKGSPDGSHP VVVAPYNGGP PRTCPIKQE AVSSCTHLGA GPPLSNGHRP AAHDFPLGRQ LPSRTTPTLG LEEVLSSRDC HPALPLPPGF HHPGPNYPS FLPDQMQPQV PPLHYQGQSR GFVARAGEPC VCWPHFGTHG MMLTPSSPL ELMPPGSCMP EEPKPKRGRR SWPRKRTATH TCDYAGCGKT YTKSSHLKAH LRTHTGEKPY HCDWDGCGWK FARSEDELTRH YRKHTGHRPF QCQKCDRAFS RSDHLALHMK RHF |
| Source | Yeast |
| Target Names | KLF4 |
| Protein Names | Recommended name: Krueppel-like factor 4 Alternative name(s): Epithelial zinc finger protein EZF Gut-enriched krueppel-like factor |
| Expression Region | 1-513 |
| 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 |
| 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. |