# Recombinant Human Class E basic helix-loop-helix protein 40 (BHLHE40)

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| **Product Code** | CSB-BP002691HU |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | O14503 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | MERIPSAQPP PACLPKAPGL EHGDLPGMYP AHMYQVYKSR RGIKRSEDSK ETYKLPHRLI EKKRRDRINE CIAQLKDLLP EHLKLTTLGH LEKAVVLELT LKHVKALTNL IDQQQQKIIA LQSGLQAGEL SGRNVETGQE MFCSGFQTCA REVLQYLAKH ENTRDLKSSQ LVTHLHRVVS ELLQGGTSRK PSDPAPKVMD FKEKPSSPAK GSEGPGKNCV PVIQRTFAHS SGEQSGSDTD TDSGYGGESE KGDLRSEQPC FKSDHGRRFT MGERIGAIKQ ESEEPPTKKN RMQLSDDEGH FTSSDLISSP FLGPHPHQPP FCLPFYLIPP SATAYLPMLE KCWYPTSVPV LYPGLNASAA ALSSFMNPDK ISAPLLMPQR LPSPLPAHPS VDSSVLLQAL KPIPPLNLET KD |
| **Source** | Baculovirus |
| **Target Names** | BHLHE40 |
| **Protein Names** | Recommended name: Class E basic helix-loop-helix protein 40 Short name= bHLHe40 Alternative name(s): Class B basic helix-loop-helix protein 2 Short name= bHLHb2 Differentially expressed in chondrocytes protein 1 Short name= |
| **Expression Region** | 1-412 |
| **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 basic helix-loop-helix protein expressed in various tissues. Expression in the chondrocytes is responsive to the addition of Bt2cAMP. The encoded protein is believed to be involved in the control of cell differentiation. |
| **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.<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.