



# Recombinant Human Krueppel-like factor 12 (KLF12)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-MP897495HU  |
| <b>Abbreviation</b>      | KLF12   |
| <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>       | Q9Y4X4  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | MNIHMKRRTI KNINTFENRM LMLDGMPAVR VKTELLESEQ GSPNVHNYPD<br>MEAVPLLLNN VKGEPEDSL SVDHFQTQTE PVDLSINKAR TSPTAVSSSP<br>VSMTASASSP SSTSTSSSSS SRLASSPTVI TSVSSASSSS TVLTPGPLVA<br>SASGVGGQQF LHHHPVPPS SPMNLQSNKL SHVHRIPVVV QSVPVVYTAV<br>RSPGNVNNTI VVPLLEDGRG HGKAQMDPRG LSPRQSKSDS DDDDLPNVTL<br>DSVNETGSTA LSIARAVQEV HPSPVSRVRG NRMNNQKFCP SISPFSEST<br>RRQRRSESPD SRKRRIHRCDFEGCNKVYTK SSKLKAHRRT HTGEKPYKCT<br>WEGCTWKFAR SDELTRHYRK HTGVKPFKCA DCDRSFSRSD<br>HLALHRRRHM LV  |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | KLF12   |
| <b>Protein Names</b>     | Recommended name: Krueppel-like factor 12 Alternative name(s):<br>Transcriptional repressor AP-2rep   |
| <b>Expression Region</b> | 1-402   |
| <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 protein   |
| <b>Target Details</b>    | Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. This protein is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. |
| <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.

### Shelf Life

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