



# Recombinant Bovine Transcription factor AP-1 (JUN)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP011972BO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O77627  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Bos taurus (Bovine)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MTAKMETTFY DDALNASFLQ SESGAYGYSN PKILKQSMTL NLADPVGSLK<br>PHLRAKNSDL LTSPDVGLLK LASPELERLI IQSSNGHITT TPTPTQFLCP<br>KNVTDEQEGF AEGFVRALAE LHSQNTLPSV TAAQPVSGA GLVAPAVASV<br>AGGSGSGGFS ASLHSEPPVY ANLSNFPNPGS LSSGGGAPSY GAAGLAFPAQ<br>PQQQQQPPQ PPHHLPQQIP VQHPRLQALK EEPQTVPEMP GETPPLSPID<br>MESQERIKAE RKRMRNRIAA SKCRKRKLER IARLEEKVKT LKAQNSELAS<br>TANMLREQVA QLKQKVMNHV NSGCQLMLTQ QLQTF           |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | JUN   |
| <b>Protein Names</b>     | Recommended name: Transcription factor AP-1 Alternative name(s): Activator protein 1 Short name= AP1 Proto-oncogene c-Jun V-jun avian sarcoma virus 17 oncogene homolog   |
| <b>Expression Region</b> | 1-335   |
| <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>    | This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.                         |
| <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. 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.