



# Recombinant Mouse ETS domain-containing protein Elk-1 (Elk1)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP007603MO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P41969  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MDPSVTLWQF LLQLLREQGN GHIISWTSRD GGEFKLVDAE EVARLWGLRK<br>NKTNMNYDKL SRALRYYYDK NIIRKVSGQK FVYKVFVSYPE VAGCSTEDCP<br>PQPEVSVTSA IAMAPATVHA GPGDTATGKP GTPKGAGMTG QGGLARSSRN<br>EYMRSGLYST FTIQSLQPQP QPPIPPRPAS VLPNTTPAGV PAPASGSRST<br>SPNPLEACLE AEEAGLPLQV ILTPPEAPNQ KSEELSLDPS FGHPQPPEVK<br>VEGPKEELEA ARAGGFSSEA VKAEPEVSAS ELLARLPAL LTENTAQVCG<br>LSTSTTEITQ PQKGRKPRDL ELPLSPSLG GQGPRTPGS GTSSGLQAPG<br>PALTPSLLPT HTLTPVLLTP SSLPPSIHFW STLSPAPIRS PAKLSFQFPS<br>SGSAQVHIPS ISVDGLSTPV VLSPGPQKP |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | Elk1  |
| <b>Protein Names</b>     | Recommended name: ETS domain-containing protein Elk-1   |
| <b>Expression Region</b> | 1-429   |
| <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 a member of the Ets family of transcription factors and of the ternary complex factor (TCF) subfamily. Proteins of the TCF subfamily form a ternary complex by binding to the the serum response factor and the serum reponse element in the promoter of the c-fos proto-oncogene. This protein is a nuclear target for the ras-raf-MAPK signaling cascade. Alternatively spliced transcript variants encoding the same protein 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.   |
| <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.<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.