



# Recombinant Human ETS domain-containing protein Elk-1 (ELK1)

<b>Product Code</b>	CSB-YP007603HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P19419
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDPSVTLWQF LLQLLREQGN GHIISWTSRD GGEFKLVDAE EVARLWGLRK NKTNMNYDKL SRALRYYYDK NIIRKVSGQK FVYKFSVYPE VAGCSTEDCP PQPEVSVTST MPNVAPAAIH AAPGDTVSGK PGTPKGGAGMA GPGGLARSSR NEYMRSGLYS TFTIQSLQPQ PPPHPRPAVV LPSAAPAGAA APPSGSRSTS PSPLEACLEA EEAGLPLQVI LTPPEAPNLK SEELNVEPGL GRALPPEVKV EGPKEELEVA GERGFVPETT KAEPEVPPQE GVPARLPAVV MDTAGQAGGH AASSPEISQP QKGRKPRDLE LPLSPSLLGG PGPERTPGSG SGSGLQAPGP ALTPSLLPTH TLTPVLLTPS SLPPSIHFWS TLSPIAPRSP AKLSFQFPSS GSAQVHIPS I SVDGLSTPVV LSPGPQKP
<b>Source</b>	Yeast
<b>Target Names</b>	ELK1
<b>Protein Names</b>	Recommended name: ETS domain-containing protein Elk-1
<b>Expression Region</b>	1-428
<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. 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.