

## Recombinant Human ELK4

**Cat. No.** ELK4-28290TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment corresponding to amino acids 118-206 of Human ELK4 with an N terminal proprietary tag; predicted mwt: 35.42 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	89 amino acids
<b>Description</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. The protein encoded by this gene is phosphorylated by the kinases, MAPK1 and MAPK8. Several transcript variants have been described for this gene.
<b>Molecular Weight</b>	35.420kDa
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

**Sequences of amino acids** KDVENGGKDKPPQPGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIK TENPAEK LAEKKSPQEPTPSVIK FVTTPSKKPPVEPVAA

**Sequence Similarities** Belongs to the ETS family. Contains 1 ETS DNA-binding domain.

## GENE INFORMATION

**Gene Name** [ELK4](#) [ELK4](#), ETS-domain protein (SRF accessory protein 1) [ Homo sapiens ]

**Official Symbol** [ELK4](#)

**Synonyms** [ELK4](#); [ELK4](#), ETS-domain protein (SRF accessory protein 1); ETS domain-containing protein Elk-4; SAP1;

**Gene ID** [2005](#)

**mRNA Refseq** [NM\\_001973](#)

**Protein Refseq** [NP\\_001964](#)

**MIM** [600246](#)

**Uniprot ID** [P28324](#)

**Chromosome Location** 1q32

**Pathway** EGFR1 Signaling Pathway, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Id Signaling Pathway,

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organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem;

**Function**

DNA binding; sequence-specific DNA binding; sequence-specific DNA binding  
transcription factor activity; transcription cofactor activity;

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