

Recombinant Human ELK4

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Wheat Germ
ProteinLength	89 amino acids
Description	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.
Molecular Weight	35.420kDa
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids KDVENGKGDKPPQPGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIK TENPAEK
LAEEKSPQEPTPSVIKFVTTTPSKKPPVEPVAA

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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