

Recombinant Mouse Elk4 Protein, Myc/DDK-tagged

Cat. No. Elk4-2799M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ELK4, member of ETS oncogene family (Elk4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in both transcriptional activation and repression. Interaction with SIRT7 leads to recruitment and stabilization of SIRT7 at promoters, followed by deacetylation of histone H3 at 'Lys-18' (H3K18Ac) and subsequent transcription repression. Forms a ternary complex with the serum response factor (SRF). Requires DNA-bound SRF for ternary complex formation and makes extensive DNA contacts to the 5' side of SRF, but does not bind DNA autonomously.
Molecular Mass	46.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Elk4 ELK4, member of ETS oncogene family [*Mus musculus* (house mouse)]

Official Symbol Elk4

Synonyms ELK4; ELK4, member of ETS oncogene family; ETS domain-containing protein Elk-4; SRF accessory protein 1; serum response factor accessory protein 1; Sap1; SAP-1; BB162516; 2310011G17Rik; A130026I01Rik

Gene ID 13714

mRNA Refseq NM_007923

Protein Refseq NP_031949

UniProt ID P41158

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