

Recombinant Human ELK4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELK4-523H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ELK4 MS Standard C13 and N15-labeled recombinant protein (NP_068567) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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 Mass

44.7 kDa

AA Sequence

MDSAITLWQFLLQLLQKPQNKHMICWTSNDGQFKLLQAEVARLWGIRKNKPNMNY
DKLSRALRYYYVKNIIKKVNGQKFVYKVFVSYPEILNMDPMTVGRIEGDCESLNFSEVS
SSSKDVENGGKDKPPQPGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIK TENP
AEKLAEEKSPQEPTPSVIKFVTTSPSKPPVEPVAATISIGPSISPSSEETIQALETLVSP
KLPSLEAPTSASNVMTAFATTPPISSIPPLQEPPRTPSPPLSSHPDIDTDIDSVASQPM
ELPENLSLEPKDQDSVLEKDKVNNSSRSKPKGLELAPTLVITSSDPSPLGILSPSL
PTASLTPAFFSQVACSLFMVSPLLSFICPFKQIQNLYTQVCFLLLRFVLERLCVTVMTR

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TRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ELK4 ETS transcription factor ELK4 [Homo sapiens (human)]

Official Symbol ELK4

Synonyms ELK4; ELK4, ETS-domain protein (SRF accessory protein 1); ETS domain-containing protein Elk-4; SAP1; SAP-1; serum response factor accessory protein 1; DKFZp434N185;

Gene ID 2005

mRNA Refseq NM_021795

Protein Refseq NP_068567

MIM 600246

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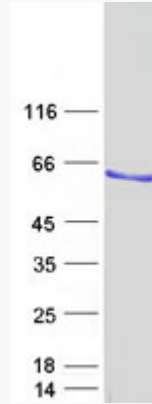
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UniProt ID

P28324

SDS-PAGE



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