

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	MDSAITLWQFLLQLLQKPQNKHMICWTSNDGQFKLLQAEEVARLWGIRKNKPNMNY DKLSRALRYYYVKNIKKVNGQKFVYKFVSYPEILNMDPMTVGRIEGDCESLNFSEVS SSSKDVENG GKDKPPQPGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIK TENP AEKLAEEKSPQEPTPSVIKFVTTSPSKKPPVEPVAATISIGPSISPSSEETIQALETLVSP KLPSLEAPTSASNVMTAFATTPPISSIPPLQEPPRTPSPPLSSHDPIDTDIDSVASQPM ELPENLSLEPKDQDSVLLEKDKVNNSSRSKKPKGLELAPTLVITSSDPSPLGILSPSL PTASLTPAFFSQVACSLFMVSPLLSFICPFKQIQNLYTQVCFLLRFLERLCVTVMTR

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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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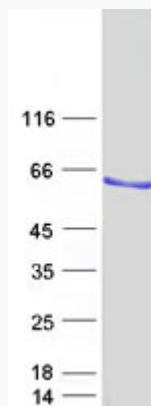
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UniProt ID

P28324

SDS-PAGE

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