

Recombinant Human ELK3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ELK3-4709H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ELK3 MS Standard C13 and N15-labeled recombinant protein (NP_005221) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ETS-domain transcription factor family and the ternary complex factor (TCF) subfamily. Proteins in this subfamily regulate transcription when recruited by serum response factor to bind to serum response elements. This protein is activated by signal-induced phosphorylation; studies in rodents suggest that it is a transcriptional inhibitor in the absence of Ras, but activates transcription when Ras is present. Alternate splicing results in multiple transcript variants.
Molecular Mass	44.2 kDa
AA Sequence	MESAITLWQFLLQLLLDQKHEHLICWTSNDGEFKLLKAEVAKLWGLRKNKTNMNY DKLSRALRYYYDKNIIKKVIGQKFVYKFVSFPEILKMDPHAVEISRESLLLQSDCKAS PEGREAHKHGLAALRSTSRNEYIHSGLYSSFTINSLQNPPDAFKAIKTEKLEPPEDS PPVEEVRTVIRFVTNKTDKHAVTRPVVSLPSTSEAAAASAFLASSVSAKISSLMLPNAA SISSASPFSSRSPSLSPNSPLPSEHRSLEAACHSDSDSLEPLNLSSGSKTKSPSLPP KAKKPKGLEISAPPLVLSGTDIGSIALNSPALPSGSLTPAFFTAQTPNGLLLTPSPLLS

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SIHFWSSLSPVAPLSPARLQGPSTLFQFPTLLNGHMPVPIPSLDRAASPVLLSSNSQK
STRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 ELK3 ETS transcription factor ELK3 [Homo sapiens (human)]

Official Symbol ELK3

Synonyms ELK3; ELK3, ETS-domain protein (SRF accessory protein 2); ETS domain-containing protein Elk-3; ERP; NET; SAP2; SAP-2; ETS-domain protein; ETS-related protein ERP; ETS-related protein NET; SRF accessory protein 2; serum response factor accessory protein 2;

Gene ID 2004

mRNA Refseq NM_005230

Protein Refseq NP_005221

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MIM 600247**UniProt ID** P41970**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA