

Recombinant Human ELK3

Cat. No. ELK3-28287TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human ELK3 with N-terminal proprietary tag. Predicted MW 36.63kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	The protein encoded by this gene is 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.
Molecular Weight	36.630kDa inclusive of tags
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

 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

cycles.

Sequences of amino acids SRESLLLQSDCKASPEGREAHKHGLAALRSTSRNEYIHSGLYSSFTINSLQNPPDA
FKAIKTEKLEPPEDSPPVEEVRTVIRFVTNKTDKHAVTRPVVS

Sequence Similarities Belongs to the ETS family.Contains 1 ETS DNA-binding domain.

GENE INFORMATION

Gene Name ELK3 ELK3, ETS-domain protein (SRF accessory protein 2) [Homo sapiens]

Official Symbol ELK3

Synonyms ELK3; ELK3, ETS-domain protein (SRF accessory protein 2); ETS domain-containing protein Elk-3; ERP; NET; SAP2;

Gene ID 2004

mRNA Refseq NM_005230

Protein Refseq NP_005221

MIM 600247

Uniprot ID P41970

Chromosome Location 12q23

Pathway Id Signaling Pathway, organism-specific biosystem;

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Function

protein binding; purine-rich negative regulatory element binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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