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

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	cycles.
Sequences of amino acids	SRESLLLQDSDCKASPEGREAHKHGLAALRSTSRNEYIHSGLYSSFTINSLQNPPDA FKAIKTEKLEEPPEDSPPVEEVRTVIRFVTNKTDKHVTRPVVS
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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