Recombinant Human ELK4 Protein, GST-tagged

Cat. No. ELK4-3246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ELK4 full-length ORF (NP_068567.1, 1 a.a. - 405 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	71.1 kDa
AA Sequence	MDSAITLWQFLLQLLQKPQNKHMICWTSNDGQFKLLQAEEVARLWGIRKNKPNMNY DKLSRALRYYYVKNIIKKVNGQKFVYKFVSYPEILNMDPMTVGRIEGDCESLNFSEVS SSSKDVENGGKDKPPQPGAKTSSRNDYIHSGLYSSFTLNSLNSSNVKLFKLIKTENP AEKLAEKKSPQEPTPSVIKFVTTPSKKPPVEPVAATISIGPSISPSSEETIQALETLVSP KLPSLEAPTSASNVMTAFATTPPISSIPPLQEPPRTPSPPLSSHPDIDTDIDSVASQPM ELPENLSLEPKDQDSVLLEKDKVNNSSRSKKPKGLELAPTLVITSSDPSPLGILSPSL PTASLTPAFFSQVACSLFMVSPLLSFICPFKQIQNLYTQVCFLLLRFVLERLCVTVM
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ELK4 ELK4, ETS-domain protein (SRF accessory protein 1) [Homo sapiens]
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_001973
Protein Refseq	NP_001964
MIM	600246
UniProt ID	P28324

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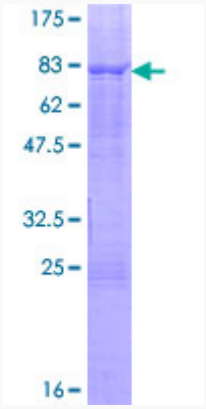
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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