

Product datasheet for PH309572

ELK4 (NM_021795) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ELK4 MS Standard C13 and N15-labeled recombinant protein (NP_068567)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209572
Predicted MW:	44.7 kDa
Protein Sequence:	>RC209572 protein sequence Red=Cloning site Green=Tags(s)

MDSAITLWQFLLQLLQKPQNKHMICWTSNDGQFKLLQAEVVARLWGIKKNKPNMNYDKLSRALRYYYVKN
IIKKVNGQKFVYK FVSYPEILNMDPMTVGRIEGDCESLNFSEVSSSSKDVENGGKDKPPQPGAKTSSRND
YIHSGLYSSFTLNSLNSSNVKLFKLIK TENPAEKLA EKKSPQEPTPSVIK FVTTSPKPPVEPVAATISI
GPSISPSSEETIQALETLVSPKLP SLEAPTSASNVM TAFATPP ISSIPPLQEP RPTSPPLSSH PDIDT
DIDSVASQPMELPENLSLEPKDQDSV LLEKDKVNNSSRSKPKGLELAPTLVITSSDPSPLGILSPSLPT
ASLTPAFFSQVACSLFMVSPLLSFICPFKIQNL YTVCFLLLRVFLERLCVTVM

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_068567</u>
RefSeq Size:	3077
RefSeq ORF:	1215
Synonyms:	SAP1
Locus ID:	2005



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UniProt ID: [P28324](#), [A0A024R997](#), [Q8IXL1](#)

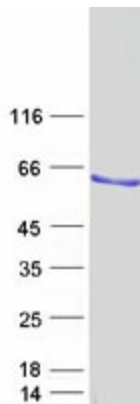
Cytogenetics: 1q32.1

Summary: 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]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: MAPK signaling pathway

Product images:



Coomassie blue staining of purified ELK4 protein (Cat# [TP309572]). The protein was produced from HEK293T cells transfected with ELK4 cDNA clone (Cat# [RC209572]) using MegaTran 2.0 (Cat# [TT210002]).