

Product datasheet for PH303114

ELK3 (NM_005230) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ELK3 MS Standard C13 and N15-labeled recombinant protein (NP_005221)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203114
Predicted MW:	44.2 kDa
Protein Sequence:	>RC203114 protein sequence Red=Cloning site Green=Tags(s) MESAITLWQFLLQLLLDQKHEHLICWTSNDGEFKLLKAEVAKLWGLRKNKTNMNYDKLSRALRYYYDKN I IKKVIGQKFVYKFVSFPEILKMDPHAVEISRESLLLQSDCKASPEGREAHKHGLAALRSTSRNEYIHS GLYSSFTINSLQNPDAFKAIKTEKLEPPEDSPPVEEVRTVIRFVTNKTDKHVTRPVVSLPSTSEAAAA SAFLASSVSAKISSMLPNAASISSASPFSSRSPSLSPNSPLPSEHRSLFLEAACHSDSLEPLNLSSGS KTKSPSLPPKAKKPKGLEISAPPLVLSGTDIGSIALNSPALPSGSLTPAFFTAQTPNGLLLTPSPLSSI HFWSLSPVAPLSPARLQGPSTLQFPTLLNGHMPVPIPSLDRAASPVLLSSNSQKS 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_005221</u>
RefSeq Size:	2180
RefSeq ORF:	1221
Synonyms:	ERP; NET; SAP-2; SAP2
Locus ID:	2004



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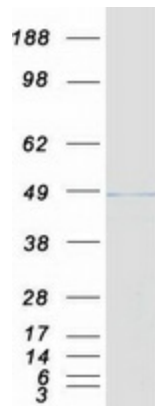
UniProt ID: [P41970](#), [A0A024RBE2](#)

Cytogenetics: 12q23.1

Summary: 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. [provided by RefSeq, Jan 2015]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified ELK3 protein (Cat# [TP303114]). The protein was produced from HEK293T cells transfected with ELK3 cDNA clone (Cat# [RC203114]) using MegaTran 2.0 (Cat# [TT210002]).