

Product datasheet for TP525575

Elk4 (NM_007923) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ELK4, member of ETS oncogene family (Elk4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225575 protein sequence Red =Cloning site Green =Tags(s)

MDSAITLWQFLLQLLQEPQNEHMICWTSNNGEFKLLQAEEVARLWGIRKNKPNMNYDKLSRALRYYYVKN
IIKKVNQKQFVYKFVSYPEILKMDPLTVGRIEGDCEALNSIETSSSKDVEYGGKERPPQPGAKTSSRNDY
IHSGLYSSFTLNSLNTSNKKLFKSIKIENPAEKLAEKKAQEPTPSVIKFVTTTPAKKPPIEPVAAAFATSP
SLSPSSEETIQALETLSVPTLPSLETSPASISILATTFNPTPPVPTPLPLKEPRTSPPLSSNPDIOTD
IESVASQPMELPENLSLEPKNEDSALPEKDKTNNSSRSKPKGLELTPALVVTGSDPSPLGILSPSLPTA
SLTPALFSQTPILLTPSPLLSSIHFWSTLSPFAPLSPARLQGANTLFQFPSVLNSHGPFTLSGLDGPSTP
GPFSPDLQKT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_031949</u>
Locus ID:	13714



[View online >](#)

UniProt ID: [P41158](#)

RefSeq Size: 3671

Cytogenetics: 1 E4

RefSeq ORF: 1293

Synonyms: 2310011G17Rik; A130026I01Rik; BB162516; SAP-1; Sap1

Summary: Involved in both transcriptional activation and repression. Interaction with SIRT7 leads to recruitment and stabilization of SIRT7 at promoters, followed by deacetylation of histone H3 at 'Lys-18' (H3K18Ac) and subsequent transcription repression. Forms a ternary complex with the serum response factor (SRF). Requires DNA-bound SRF for ternary complex formation and makes extensive DNA contacts to the 5'side of SRF, but does not bind DNA autonomously (By similarity).[UniProtKB/Swiss-Prot Function]