

Product datasheet for TP524439

Elf3 (NM_007921) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse E74-like factor 3 (Elf3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224439 representing NM_007921 Red =Cloning site Green =Tags(s)

MAATCEISNVFSNYFNAMYSSDPTLAPAPPTTFGTEDLVLTINNQQMTLEGPEKASWTSERPQFWSKTQ
VLEWISYQVEKNKYDASSIDFSRCDMDGATLCSCALEELRLVFGPLGDQLHAQLRDLTSNSSDELWIIIE
LLEKDGMSFQESLGDSPFDQGSPFAQELLDDGRQASPYCYSTYGPAGSPGSSDVSTARTATPQSSHAS
DSGGSDVDLDTESKVFPRDGFDPDYKKGEPKHGKRKRGRPRKLSKEYWDCLEGKKS KHAPRGTHLWEFIR
DILIHPELNEGLMKWENRHEGVFKFLRSEAVAQLWGQKKKNSNMTYEKLSRAMRYYYKREILERVDRRL
VYKFGKNSSGWKEEEVGESRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.5 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:	NP_031947
Locus ID:	13710
UniProt ID:	Q3UPW2



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RefSeq Size: 1940

Cytogenetics: 1 E4

RefSeq ORF: 1113

Synonyms: ESE-1; ESX; jen

Summary: Transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. Acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter (By similarity). Also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFBR2 and TGM3 promoters. Represses KRT4 promoter activity (By similarity). Involved in mediating vascular inflammation. May play an important role in epithelial cell differentiation and tumorigenesis. May be a critical downstream effector of the ERBB2 signaling pathway (By similarity). May be associated with mammary gland development and involution. Plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development. [UniProtKB/Swiss-Prot Function]