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Product datasheet for RC225701L3V

ELK1 (NM_001114123) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ELK1 (NM_001114123) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ELK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001114123
ORF Size:	1284 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225701).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001114123.2, NP_001107595.1
RefSeq Size:	2934 bp
RefSeq ORF:	1287 bp
Locus ID:	2002
UniProt ID:	P19419
Cytogenetics:	Xp11.23
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Endometrial cancer, ErbB signaling pathway, Focal adhesion, GnRH signaling pathway, Insulin signaling pathway, MAPK signaling pathway, Prion diseases

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MW: 45.3 kDa

Gene 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 response element in the promoter of the c-fos proto-oncogene. The protein encoded by this gene is a nuclear target for the ras-raf-MAPK signaling cascade. This gene produces multiple isoforms by using alternative translational start codons and by alternative splicing. Related pseudogenes have been identified on chromosomes 7 and 14. [provided by RefSeq, Mar 2012]