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# Product datasheet for RC208921L3V

## ELK1 (NM_005229) Human Tagged ORF Clone Lentiviral Particle

### Product data:

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|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | ELK1 (NM_005229) 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_005229 |
| **ORF Size:** | 1284 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC208921). |
| **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_005229.4, NP_005220.2 |
| **RefSeq Size:** | 2828 bp |
| **RefSeq ORF:** | 1287 bp |
| **Locus ID:** | 2002 |
| **UniProt ID:** | P19419 |
| **Cytogenetics:** | Xp11.23 |
| **Domains:** | ETS |
| **Protein Families:** | Druggable Genome, Transcription Factors |

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|---|---|
| **Protein Pathways:** | Endometrial cancer, ErbB signaling pathway, Focal adhesion, GnRH signaling pathway, Insulin signaling pathway, MAPK signaling pathway, Prion diseases |
| **MW:** | 44.9 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] |