

Product datasheet for **MC228327**

Elp3 (NM_001253812) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elp3 (NM_001253812) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elp3
Synonyms:	2610507P14Rik; KAT9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC228327 representing NM_001253812
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCAAAGAGGAAAGGTGCAAAATACGTGGGACAAGGGCGCAAGGGAGGAAGTGGATTCTCTGAGA
 TCACAGGGGACCTCAGCCCGCTGAGCTGATGATGCTGACTATAGGAGAGTTATCAAGCAGCTGGTTGA
 AGCTCATGAGCAGGGAAAGACGTGATCTAAATAAGATGAAAACCAAGCAGCTGCCAAGTATGGCCTT
 GCGTCCCAGCCCCGCTGGTGGATATCATCGTGCAGTCCCTCCTCACTATCGAAAGATCTTGATTCCCTA
 AGCTAAAGGCGAAGCCCGTCAAGACTGCCAGTGGGATCGTGTGTGGCTGTGATGTGCAAAACCCACAG
 ATGTCCACACATCAGTTTACAGGGAATATATGTATATACTGCCCGGAGGACCTGACTCCGATTTTGAG
 TATTCAACCCAGTCTTACACGGGCTATGAGCCAACTTCCATGAGAGCTATCCGTGCTAGATATGACCCTT
 TTCTGCAGACAAGACACCGGATAGAGCAGCTAAGCAGCTTGGTACAGTGTGGATAAGGTGGAGTTCAT
 CGTGATGGGTGGAACGTTTATGGCCCTCCAGAAGAGTACAGAGATTATTTTCATCCGAAGTTTACACGAT
 GCTTTATCAGGCCATACTTCAAACAATATTCACGAGGCAATCAAGTATTCTGAGAGAAGCTTCACAAAGT
 GTGTTGGAATTACAATTGAGACCAGACCTGATTATTGCATGAAGCGGCACCTAAGTGACATGTTGACTTA
 TGGCTGCAACAAGGCTGGAGATCGGAGTGCAGAGTGTCTATGAAGATGTGGCCAGAGATACCAACAGGGGC
 CATACTGTGAAGGCAGCGTGTGAATCTTCCACCTGGCCAAAGATTCTGGTTTCAAAGTGGTGACGCATA
 TGATGCCTGACCTGCCGAACGTGGGACTGGAGAGAGACATTGAGCAGTTTATAGAATTTTCGAGAACCC
 TGCTTTTCGTCTGATGGTTTGAAGCTCTACCAACCTGGTTATCCGTGGAAGTGGTCTGTATGAGCTG
 TGGAAATCAGGAAGGTACAGGAGCTATTCTCCAGTACCTGATTGAGCTGGTGGCTCGGATCCTAGCCC
 TTGTGCCCCCGTGGACTCGTGTGTACCGGGTGCAGAGAGACATCCAATGCCCTTGTGAGTCCAGGAGT
 GGAGCATGGCAACCTGCGCGAGCTGGCATTGCAAGAATGAAGGATCTTGAATACAGTGGCGTGTGTG
 AGAACCAGGGAGGTTGGAATCCAAGAAATTCATCACAGAGTGCAGCCATACCAGGTGAGTTGGTACGGA
 GAGATTATGTTGCCAATGGTGGCTGGGAACTTCTGTCTACGAAGATCCTGATCAGGACATTCTGAT
 TGGCCTCCTAAGGCTGCGGAAGTCTCTGAGGAACTTCCGGTTTGAAGTGGTGGAGGTTTCCATA
 GTCCGAGAGCTACACGTGTATGGAAGTGTGGTCCCTGTGAGCAGCCGGGATCCCACTAAATTTGAGCAGT
 AGGGGTTTCGGCATGCTGCTGATGGAAGAGGCAGAGAGAATCGCTCGGGAAGAGCATGGATCTGGGAAAT
 GGCAGTTATATCAGGGGTCGGCACAAGAAATTATTACCGAAAGATTGGCTACAGATTACAAGCCCTAC
 ATGGTAAAGATGCTAAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001253812
- Insert Size:** 1701 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001253812.1, NP_001240741.1</u>
RefSeq Size:	2891 bp
RefSeq ORF:	1701 bp
Locus ID:	74195
UniProt ID:	<u>Q9CZX0</u>
Cytogenetics:	14 D1
Gene Summary:	<p>Catalytic histone acetyltransferase subunit of the RNA polymerase II elongator complex, which is a component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. Involved in acetylation of alpha-tubulin (By similarity). May also have a methyltransferase activity. Involved in cell migration. Involved in neurogenesis. Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation (PubMed:19185337). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>