

Product datasheet for **MC200067**

Elp5 (NM_018740) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elp5 (NM_018740) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elp5
Synonyms:	Derp6; Rai12
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003752 sequence for NM_018740 <pre> GTCTCTAGGACTGTGTACAGAGACTCTGGAGCGGCCCTCCGTGTAAGCCCCCTGAGAATACGGAGCATA AAAAAACCCAGGCTCCTCTTTCCGGACTTTGCGGTCTTTAAGGTTGGAAGCAATCGTAAGTCCCCGCCT CCTCGGTGGTGACGACATCAGAAGGCGTCTGAGGCGTCAGAGATGCTGGACTCGTTGTTGGCCATCGGT GGTTTGGTGCTTTTGCAGATTCCGTGGAGTGGGAAGGGCGTAGTCTCCTGAAGGCTCTTATCAAGAAAT CTGCACTTCGTGGGGAGCAGGTCCACGTTCTGGGCTGTGAAGTGAGCGAAGAAGAGTTTCGCAAGGTTT CGACTCTGATGTCAACAGCCGCTGGTTTACCATGACCTCTTCAGAGACCCTCTTAAGTGGTCAAAGCCT GGAGAAGCTGTCCCTGAAGGTCTCTAAAAGCCTTGAGGTCCATGTGCAAAAGGACAGACCATGGCTCAG TCACCATTGCCCTTGACTCTCTCAGCTGGCTGCTGTGTACATTCCCTGTGTTACACTCTGTCAAGCCCT ACATGCTCTGAGCCAGCAAAATGGAGACCCAGGTGATAACTCCCTAGTAGAGCAGGTGCGTGTCTGGGC CTCCTACATGAAGAGCTTCATGGCCAGGCTCCATGGGAGCACTGAACACCCTTGCTCACACAGAGGTGA CTCTGAGTGGTAAAGTGAGCAGACCTCAGCCTCCATCCTCTGTGCAAGGCCCAACAACGTGCAACTTA CCAGACTTGTTGGTTCTCCGTTCTTCTGACTTCAGCCTGACTCTCCATGAAGGGCTTCCCTCCGTTCT GAGCTACACCCGGATCATCACACAACCCAGGTGGATCCCCTGCTCATTGACCTTTAACCTTCACTTAT CCAAGAAAGAAAGAGAAGCCAGAGACAGCTCACTCTGCCTTTCCAGTTCAGCTCTGAAAAACAGAAAGC TCTGCTGCATCCGGTACCCAGCCGACCACTGGCCACATCTTCTATGAGCCAGATGCTTTTGATGATGTG GACCCAGAAGACCCAGATGATGACCTAGATATTTGACAGACAAATGGCAGAGGAAGGCTGTGGGCTCAGA ACCACCTGCTGTTGGCAGACTTACCTTGTCCCTTGTCTTTGTACTTTGTCTGCAGAAGCTGTGTGCG TGAGCCAAGGAGCAGCATCAAGCTAGGATGAGTGTGATGAGGGCATAAGTGTGCCCCATTTCTAATAAAA TATATATGTGTGTGTGTCAATCAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_018740
Insert Size:	903 bp


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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).
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC003752</u> , <u>AAH03752</u>
RefSeq Size:	1306 bp
RefSeq ORF:	903 bp
Locus ID:	54351
UniProt ID:	<u>Q99L85</u>
Cytogenetics:	11 B3
Gene Summary:	Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase 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. May be involved in TP53-mediated transcriptional regulation. Involved in cell migration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).