

## Product datasheet for **MC202133**

### Elof1 (NM\_170777) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elof1 (NM\_170777) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Elof1  
**Synonyms:** 1110011K10Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024488 sequence for NM\_170777  
CCCACGCGTCCGAGCGGCCTTGGCTGAGAGGCAGGGCTGGTACAAGTTTTATTCCCTCTGCAGTTATGGG  
ACGAAGAAAGTCCAACCGGAAGCCGCCCAAAAAAGAAGATGACAGGCACCCTGGAGACCCAGTTCACC  
TGCCCTTTCTGCAACCACGAGAAGTCTTGATGTGAAAATGGACCGTGCTCGAAACACTGGAGTCATCT  
CCTGTAAGTGTGCTAGAGGAATTCAGACACCCATCACATACCTGTCAGAACCAGTGGATGTGTACAG  
CGACTGGATAGATGCCTGCGAGGCAGCCAATCAGTAGCAAAGTCAGGGACCTGCTCCTCCACAGCCCCA  
TCTGGCTACCAATCCAGAGACATTCCAGGGCTAGGACAGCCCGCCTCTGCAGATGGGATGGATGTGAGT  
GAGTAGATTTCTGGCTGCAGATGTGACTGTAGGGATGGAGGCGAGCGACTGGGTCTCACCAAGCAGC  
CCAGGGTGGCCTCATGGAACCTGAGCCTCAGGTGACTCTACAAGCCTTTGAGTTGCTCCCATCTTCAGC  
CCCCACCTGCCCCACACTTCAGGCTCCTGTCTTCTCTGGTGACGGTTCCTGACATCCAGGCAAGGAAT  
AGCTGTGGGACCTCCTGTCTCCTCAGCCACCTACCAGCACCTTGCCCTGGGACCTAGACTTTCTGTCC  
TTCCATTCTCCTAGTGCTGTGGTCGAGGCTACTGGCCACCCAGGTCCCTGGCTGGGCTCGGCTGGGA  
ACACCATTTTCTGGTTTGCCTTTGTAGACAAGGTAGGGGCTAGTTGGGGTACAGCTGTCATTTCATTCAT  
GAGCCCATCAATAAACAGCCAGTGTGTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_170777

**Insert Size:** 252 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).

**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).



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**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.

**RefSeq:** [BC024488](#), [AAH24488](#)

**RefSeq Size:** 884 bp

**RefSeq ORF:** 252 bp

**Locus ID:** 66126

**UniProt ID:** [P60003](#)

**Cytogenetics:** 9 A3

**Gene Summary:** Transcription elongation factor implicated in the maintenance of proper chromatin structure in actively transcribed regions.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. All seven variants encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.