

## Product datasheet for **MC221494**

### **Eloa (NM\_013736) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eloa (NM_013736) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eloa
Synonyms:	110kDa; AA408125; Tceb3; Tceb3a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221494 representing NM\_013736  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCGGAGTCGGCGCTCCAAGTTGTGGAGAAGCTCCAGGCGCGCTGGCTGCGAACCCGGACCCCA  
 AGAAGCTATTGAAATATTTGAAGAACTTTCCATCTTACCTATCACAGTAGACATTCTTGTGGAGACTGG  
 GGTAGGGAAAACAGTGAACAGCTTTTCGGAAGCATGAGCAAGTAGGAACTTTGCCAGAGACCTGGTGGCC  
 CAGTGGAGAAGCTGGTTCAGTAGAGCGAAATAGTGAGGCCGAGGATCAGGATTTGAGAAGAACAATT  
 CCCGTAAGCGTCCAGAGATGCTCTCAGAGGGAGGAGTGGAGGGGAACTACCAGGAAAGCTGGAA  
 ACCCTCTGGTAGCCGCTCTACAGCCCTGAGCACAGACAGAAAAACACAAAAACTTTCTGAGCCTGAA  
 AGGCCTCACAAGTGGCTCACAGTCACGAGAAGAGAGATGAAAGGAAGAGGTGTCAAAGTGTACCAC  
 CATATTCTCAGACCCCGAGTCATCTGACTATGGCCATGTTCAATCCCCTCCACCTTCAAGTCTCATCA  
 AATGTATACAGACCTCTCCAGGTCAGAGGAGGACCAGGAGCCCATCATCTCACACCAGAAGCCAGGA  
 AAAGTCCACAGTAATACCTTTCCAGGACAGACTAGGGGTTAGTCACCTGGGTGAACAAGGAAAAGGGGCTG  
 TTAGCCACCACAAGCAGCACAGATCTTACACAAGGAGAAGCACCTGCAGATGCCAGAGAGGATGAGAA  
 GATCTCTGCTGTGAGCAGAGAGAAGTACACAAAGCCTCTTCAAAGAGGAAAGCCGAAGACTACTGTCA  
 GGGGACAGTGCCAAGGAGAAGCTGCCCTCTAGTGTGTTAAGAAAAGACAAGGACAGAGAAGGCAGCAGTC  
 TCAAGAAGAAGTTTTACCTGCCTTAGATGTTGCTTCAGACAACCACTTTAAAAAGCCAAACACAAGGA  
 CTCCGAGAAAGCCAAATCTGACAAAAACAAGCAGAGTGTAGATGGCGTGGACTCAGGACGAGGGACAGGA  
 GACCCATTGCCAAAGCCAAGGAGAAAGTCCCAACCCTGAAGGCTCAGGAGGGGAAAGTAAGAAGTA  
 AGCAGATGGAAAGTCAGCAGGCCCGCTCCACCCTAAAGCGGAGGAGACAGATGTGGACGATGAGTTTGA  
 GGGGCCACGATGTCCTTCGAGTCTACCTCAGCTATGACCAGCCCGGAAGAAAAAGAAGGTTGTG  
 AAAACGTCAGTACAGCAGTGGAGAAAAAGGACTTAAAAAAGGACTCTAAAAGCACTAGTAAAAACT  
 TGAAGTCACTCAGAAATGCCCAAAGTCAACGAAAAAGTCAAGAGAAGTTGCAGCCAGCTGGAGCCGA  
 ACCCACCAGGCCTCGAAAGGTCCTACTGATGTGCTGCCAGCATTGCCAGACATCCCCTTACCTGCCATT  
 CATGCCAACTACCGGCCCTTCCCTTCCCTTGGTTGATTCCCTCCTTTCAGCCAAAGCGAAAAGCTTTCT  
 CTTACCCCGAGGAAGAAGAAGCTGGGTTACAGGACGAGAATGAATTCTAAGATGCAGGTGTATTC  
 TGGTTCCAAGTGTGCTATCTCCCAAAATGATGACATTGCACCAGCAGTGTATCCGGGTGCTTAAAGAT  
 AATATTGACTCTATCTTTGAAGTAGGAGGAGTCCCCTATTCTGTTCTTGAACCTGTCTTGGAGAGGTGCA  
 CACCTGATCAGCTCTACCGGATAGAGGAATGCAATCATGTATTAATTGAAGAAACAGATCAGTTGTGGAA  
 AGTTCACTGTACCGAGACTTTAAGGAAGAAAGGCCAGAAGATGAGTCTGGAGGGAGATGTACCTG  
 AGGCTTCAGGACGCCAGAGAGCAGCGGCTGCGCCTGCTCAAAACAACATCCGCTCTGCTCATGCCAATA  
 AGCCAAAGGGACGACAAGCAAAGATGGCTTTTGTCAACTCTGTGGCCAAGCCACCAAGAGATGTCCGAA  
 AAGGCAGGAGAAGTTTGAACCGGGGAGCAGCTGTTCTGAGAAAGTCAAGGATAAAGCCAGCGCCATAT  
 ACAACAGGAAGCAGCCATGTTCTGCGCAACAGCAGCAGCAACTTCCACTCCAGTCTGAGGAGCTGG  
 CCTATGATGGGCCAGTACTAGCAGTGCCCACTTAGCTCCTGTGGCCAGCAGTCTGTTTCTATGATCC  
 CAGGAAACCAGCTGTGAAGAAAATTGCTCCGATGATGGCCAAGACCATTAAGCATTCAAGAACAGATTC  
 TCCCGGCCG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_013736  
**Insert Size:** 2322 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_013736.4</a> , <a href="#">NP_038764.2</a>
<b>RefSeq Size:</b>	4592 bp
<b>RefSeq ORF:</b>	2322 bp
<b>Locus ID:</b>	27224
<b>UniProt ID:</b>	<a href="#">Q8CB77</a>
<b>Cytogenetics:</b>	4 D3
<b>Gene Summary:</b>	SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex). [UniProtKB/Swiss-Prot Function]