

Product datasheet for **MC203591**

Elp2 (NM_021448) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Elp2 (NM_021448) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Elp2 |
| Synonyms: | AU023723; Epl2; Statip1; StIP1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC051943
 AGCTCGGCCATTGACCACCTAGCATCATGGTTTCTTCTGTGCTGGAGGTGTCTCATGTGTTTTGCTGCC
 GAACCGGGTTCGAGGAGCTTTGAGTTGGAATACCGGGCCCGGAGGACTCCTGGCTTTTCGGACATCCTGC
 TCCGTTGTGCTCTATGACCCTCAGAAAAAGTGGTTATTACCAATCTGAATGGCCACACCGCTCGAGTCA
 ACTGCCTGCAGTGGATACGTACAGAGGATGGCTCCCCTCCAATGAGCTGGTGTCTGGAGGATCTGACAA
 TCGGGTGATTTCATTGGAACTAGAGAATAATCAGGTTTTAAAAATCAGTCCGTCTCCAAGGCCATGAAGGA
 CCTGTTTTGTGCTGTGCACGCTATTTACCAGAGTGGCCATCCGAAGGGGAGCAGCATGCGCTGATAGCTT
 CTGCAGCTTCAGATTCTACTGTGCGAATCTGGTCTAAAAAGGGGTCTGAAGTCAAATACCTTCAGACCTT
 GAGCTTCAGGGATGGATTCTGTTCTTTCTGTCTGCCTGGCTATTTTGCCTGGTACTAATGTGCCAGTATTA
 GCATGTGGTGATGATGACTGCAGAACTCACTTATATATTTCAACAGGATGACCAGTTTCAGAAAAGCTCTTT
 CTCTCTGCGGACACGAGGACTGGATAAGAGGCGTGAATGGGCAACCTTTGGTAGAGACCTTTCTCAGC
 AAGCTGCTCACAGGACTGCCTAATAAGAATATGGAGACTGTATATGAAACCAGCATCTTTTCAAACCAAG
 GATGGTAGTTTAAAGGCTGAAGGAAAACAGTTCCTATAAAGGATGGCGGTGTTAGAACAACGGTTGCGG
 TTACCCTGGAGACAGTGTGGCTGGACACGAAAACCTGGGTAACGCAGTTCATTGGCAGCCTTCATTTTA
 CAAAGATGGTGTCTGCAGCAGCCAGTGAGACTGCTGTCTGCCTCCATGGACAAAACCATGATTCTCTGG
 GCTCCAGATGAAGAGTCAGGGGTTTGGTTAGAACAGGTCCGAGTAGGTGAAGTAGGTGAAAATACCTGG
 GTTTTATGATTGCCAGTTCGGTGAAAATGGCACCATGATCATCGCTCATGCATTCCACGGAGCACTGCA
 CCTTTGAAAACAGAGTACCGTAAACCAAGGCAGTGGGCTCCAGAGATTGTCAATTCAGGTCACTTCGAT
 GCGTCCAAGACCTGATGTGGGATCCAGAGGGAGATTTCATCACTACCAGCACCGATCAGACCCTC
 GCCTTTTCGCTCCATGGAAGAAGAAGGACCAGAAGGACCGATCACAGGTCACTTGGCATGAGATCGCAAG
 GCCTCAGATACATGGATAACAATCAAGTGTGGCGATGATTGATCGGTTTCAGTTTGTGTCTGGAGCA
 GACGAGAAAAGTCTTCGTGTTTTCTGCTCCTCGAATTTGTGAAAAATTTAGTGTCAATTTCCAGAC
 AGTCACTAAGTCACATGCTCTGTGATGACCAAGATCTTCCAGAAGGAGCCACTGTTCTGCATTAAGGCT
 GTCAAATAAAGCTCTTTTCAGGGAGACATAGCCTCTCAGCCCTTTGAGGAGGATGAACATCAAGCCCT
 GCCTTTGGGTCTCCCGAGTGACCTTTAGCCCGCTGTCTTAATGAACCTCCCACTGAGGATCACCTTC
 TGCAGAACACCCTGTGGCCTGAGATTGAGAAAAGTACGGACATGGCTATGAGATAGTTTGTGTGGCCTG
 TAACAATCCAAGACTCTACTTGCTCTGCTTGAAGGCATCTCAGAAGGAGCACGCAGTATCATTCTT
 TGGAGCACGGCATCTTGGAAACAAGTGCAGAGTCTTGCTTTCCACACTCTGACTGTCACACAGATGACAT
 TCTCACCTGATGACAAGTCTTACTGGCTGTTCCAGAGATCGAACCTGGTCTTTGTGGAAGAGACAGGA
 TGCGACTTCTCGGAGTTTATCCATTTTTAGTCTCTTTGCATTACCAACAAAATTACTTCTGTGCAT
 AGTAGAATCATTTGGTCTTGTGACTGGAGTCTGATAACAAGTACTTCTCACTGGAAGTCGAGACAAAA
 AGGTGGTTGTCTGGGGCAGTGTAAAGTCCAGCCATAACCCCATGGAGCACCCGATCCGTCCCTGCTCCTC
 GATCCTGGATGTGGGCAGTTCGTGACAGCTGTCAAGTGTCTGCCCTGTGCTTAACCCAGCCAGAGATAC
 ATTGTTGCAATTGGATTAGAGAGTGGGAAGATTTGTATATACTCCTGGAACAAGACCAACCAAGAAATCA
 ATGACTGGACCAGCTGTGTAGAAAACAAATCCAAGCCAGAGTACAGCCTGGGTATCAGAAGGTTATGCTG
 GAAGAGCTGCAGCGATGACGACGACGATGATGACGATGACGACACCGAGCAGAGTGAAGAGGGGCCGGAG
 TGGTTGCATTTTGCAAGCTGTGGCGAGGACCATACCGTGAAGATTTACAGGGTTAACAGACGCGCACTGT
 GAAGACTTGACTGCACCCCTCCCATCTTGATTGTCTTAAGTGTGTTATGTAATAGATCCCCTTTCTT
 TACCTTCTGATTGATTGAGTTTCCCTGTCTACTATGTGTTGAAGCCCATGGATGCTCCCCTTTGTCATA
 TGGTATATATATAACCACCTGAACCTTACCCATGCTGTCAAAGATGCCTGGATGTACCTCTGTGCGTTC
 CAAATTAAGAACATTTTTTAAATTTGTGCCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_021448
Insert Size: 2496 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).

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| 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>BC051943</u> , <u>AAH51943</u> |
| RefSeq Size: | 2781 bp |
| RefSeq ORF: | 2496 bp |
| Locus ID: | 58523 |
| UniProt ID: | <u>Q91WG4</u> |
| Cytogenetics: | 18 A2 |
| Gene Summary: | Regulates the ligand-dependent activation of STAT3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). |