

Product datasheet for **RN210362**

Elp2 (NM_001034145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elp2 (NM_001034145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elp2
Synonyms:	Statip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210362 representing NM_001034145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTTTCTTCTGTGTTGGAGGTGCTTATGTGTTTTGCTGCCGAACCGGGCTCGAGGAGCTTTGAGTT
 GGAATTCGGGCCCGGAGGGCTCCTGGCCTTCGGCACATCCTGCTCCGTTGTTCTATGACCCTCAGAA
 AAAGGTAGTTATTACCAATCTGAATGGTCATACCCTCGAGTCAACTGCCTACACTGGATACGTACAGAG
 GATGGCTCCCCGTCCACAGAGCTGGTGTCTGGAGCTTCTGACAATCGGGTGATTCACTGGGAACTGGAGA
 ACAATCAGGTTTTAAAATCAGTCCGCTCCAAGGCCATGAAGGACCGTTTATGCTGTGCATGGTATTTA
 CCAGAGCGGGCCATCCGATGGCGAGCAGCATGCCCTGATAGCTTCTGCAGCTTCCGATCCACAGTTCGA
 CTCTGGTCTAAAAAGGGTCTGAAGTGAATGCCTTCAGATCTTGAATTCGGGGATGGATTCGTTCTGA
 CTGTCTGCCTGTCCACTTTCCTGATACTGATGCGCCAGTGTAGCATGTGGTATGATGGCGGCAGAA
 TCACCTGTTTGTTCAGCAGGATGACTGGTTTCAGAAAATGCTTCTCTGTGCGGACACGAGGACTGGATA
 AGAGGCGTGGAATGGGCAACCTTCGGTAGAGACCTTTTCTGGCAAGCTGTTACAGGATTGCCTCATAA
 GAATATGGAGACTGTATATGAAACCGACATCTTTAGAACTGAGGACGGTAGCATAAGACTGAAGGAAAA
 TACATTCACTATAAAAGATGGCGGTGTTAGCACGACGGTTCAGTTATCCTGGAGACAGTCTGGCTGGA
 CATGAAAACCTGGGTGAATGCCATTCAGTGGCAGCCTTCGTTTTACAAAGATGGCGTTCTGCACCAGCCAG
 TGAGATTGCTGTCTGCCTCCATGGACAAAACCATGATTCTTTGGGCTCCAGATGAAGAGTCAGGGTTTTG
 GTTAGAGCAGGTCGAGTAGGTGAAGTAGGTGAAATACCCTGGGTTCTATGGTTGCCAGTTCGGTGAA
 AATGGCTCCATGATCATCGCTCATGCCTCCACGGAGCAATGCACCTTTGAAAACAAAGCAGATAATC
 CACGGCAGTGGGCTCCAGAGATCGTCATTTACAGGACACTTCGATGGTGTCCAAGACCTAATTTGGGATCC
 AGAGGGAGAGTTTCATCATCACCACCAGCACCGATCAGACAACCTCGCCTTTTGGCCCGTGAAGAAGAAG
 AACCAATCTCAGGTGACGTGGCATGAGATCGAAAGCCTCAGATACATGGGTACAACCTCAAGTGTTTGG
 CGATGATTGATCGGTTTCAGTTCGTGTCTGGAGCAGATGAAAAGTTCTCCGTGTTTTTCTGCTCCTCG
 GAATTTTGTGAAAATTTAGTGTCAATTTCTCGACAGTCGCTGAGTCACATGCTCTATGATGAAGACAAT
 GATCTTCCAGAAGGAGCCACTGTTCTGCATTAGGACTATCAAATAAAGCTGTCTTTGAGGGAGACATGA
 CCTACCTGACTTCTGAAGAGGAGGAGCTTTAAGCCCTGCCTTCGGGTATCCCCAGGTGATCTTTCAGCC
 TGCCGTCTCAGTGAACCCCTCACTGAGGACCACCTTCTGCAGAACCCCTGTGGCTGAGGTTTCAGAAA
 CTGTATGGACATGGCTATGAGATATTTGTGTTACTTGTAAACAATCAAAGACTCTACTTGCTCTGCAT
 GCAAGGCGGCTCAGAAGGAACACGCAGCTATCATTCTTTGGAGCAGCAGATCTTGAAAACAAGTGCAGAG
 TCTTGCTTACCACACTCTGACCGTCACACAGATGGCCTTCTCGCCTGATGACAAGTTCTTACTGGCTGTT
 TCCAGAGATCGAACCTGGTCTTTGTGGAAGAGACAGGATGTGACCTCAGCGGAGTTTGATCCGTTTTTTA
 GTCTTTTTGCATTACCAACAAAATCACTTCTGTGCATAGTAGAATCATTGGTCTTGTGACTGGAGTCC
 TGATAGCAAGTACTTCTCACTGGAAGTCGAGACAAGAAGGTGGTGGTCTGGGGCAGTGTAACTCCAGC
 TATAACCCCATGGAGCACCCATTAATCCCTGCTCCTCGATCCTGGATGTGGCAGTTGTGTGACAGCTG
 TCAGTGTCTGCCCTGTGCTTAACCCAGCCCAAAGATACATTGTGGCAGTTGGATTGGAGAGTGGGAAGT
 TTGTATATACTCCTGGAGCAAGACCAATCAAGAAACAAAGACTGGACTAGCTGTGTAGAACAACCTCCA
 AGCCAAAAGTCACACGCTGGGTATCAGAAGGTTATGCTGGAAGAGCTGCAGCGGCAGCACTGAGCAGAGTG
 AAGAGGGGACCGAGTGGTTGGATTTTGAAGCTGTGGCAGGACCATACTGTGAAGATTTATAGGGTTAA
 CAGATGTGCACTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001034145
Insert Size: 2466 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).
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_001034145.1</u> , <u>NP_001029317.1</u>
RefSeq Size:	2762 bp
RefSeq ORF:	2466 bp
Locus ID:	307545
UniProt ID:	<u>Q496Z0</u>
Cytogenetics:	18p12
Gene Summary:	Regulates the ligand-dependent activation of STAT3.[UniProtKB/Swiss-Prot Function]