

Product datasheet for MC211840

Elp4 (NM_023876) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elp4 (NM_023876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elp4
Synonyms:	A330107A17Rik; Paxneb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211840 representing NM_023876 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCGGCAGACACTTGGCGCGGGTACCCTCAGCTCCCGGTCTGTGGCGTCCGAGGCGGGTCAAG
GCGGCACCTCTAGTTTCCAGAGGAAGGGCAAGGCCTCTGGGGCCCCGGAGGGGGCCCTCGGCTGCTGTC
CATTGCTGGCACGCGACCGTTCGGTGCAGGAAATGGACAACCTGCTGGTGTCAACCGGGCTCCAGCCCTGGAC
CAGCTCTTAGGTGGAGGGTTAGCTGTTGGAACACTTCTTCTGATTGAAGAGGATAAATATAATATCTATT
CACCTTTGCTCTTCAAGTATTTTCATGGCAGAAGGAATCATCAATGGGCATACTCTGTTGGTTGCATCTGC
CAAAGAAAATCCTGCCAAAATTTTACAGGAACTCCCTGCACCACTACTTGATGATAATAGTAAAAAGGAG
CTTGAAGATGTACACAGTGTCTAAAACCCAGAGCCTAATGTCAACATGAAGATAGCCTGGCGGTACCAGT
TACAACCAAGATGGAGGTGGGACCGGTCTCGTCGTACGATTTGGTCACTATTATGATTTATCAAAAAG
GATTCCTTGGGAGCTACTACAGAGTTCAAAGTGGCATGGATTCTTCTTCCAGAACACATCTCTCCAGAT
CTTAAAGGAGAATCCTGTTTTTGTCTGTGGCTACATGAGGCTGCTTGAGTTCATTGAGAGAGCGTTT
ATGCTGAAGGATTTGATGGAGCTAATCCCGAAGAAAACAGAAAACATTTTAAGAATAGGAATTCAGAA
CCTTGGCTCACCGTTATGGGGAGATGACATTTGCTGTAAGAAAACACTGTGACAACAATCACAGGCTTACC
AAGTTCCTCTACATTCTCGTGGTCTTCTAAGATCCTCACTGTCCGCTGCATCATCACGATGCCAGCAC
ATCTTGTCCAGAATAATCAATTAATACTACTCGTGTGAGAAATTTGTGAGATACAGTGTGGTCTGGAATC
CTTTATTGGTTCAGAGAGAGAGACTAACCCATTGTATAAGGATTATCATGGTTTGTCCATATACGGAAG
ATTCTCGGCTTAATAACTTGACTTGTGATGAATCGGATGTCAAAGACTTAGCTTTTAAGTTAAAAAGGA
AGCTGTTACCATTTGAGCGACTGCATTTGCTCCAGACTGTGACACACAGTGGGCGGTTCAAGCAAACA
GGATCTGGCAGCATCCACCGCGCGGCTGGGTGCAGGCTGTAGCTCCATGGCCGAAGGCAAGAAGCACCTG
GACTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_023876
Insert Size:	1269 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_023876.4</u> , <u>NP_076365.2</u>
RefSeq Size:	6755 bp
RefSeq ORF:	1269 bp
Locus ID:	77766
UniProt ID:	<u>Q9ER73</u>
Cytogenetics:	2 55.33 cM
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 (By similarity).[UniProtKB/Swiss-Prot Function]