

## Product datasheet for **MC219860**

### Phactr2 (NM\_001195065) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Phactr2 (NM_001195065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Phactr2
Synonyms:	AV158170; BC012871
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219860 representing NM\_001195065  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGAAGCCGGCAGGAGTCTCTGAGATGTCCCGGACCAGCCAGCGGGCCAGGAGCGCGCGCGCGG  
 AGGCTCTGGACCCGAACCCGAGGCTCCCGGGCCACCGGTGCCTTCCCTGCGCTGGCTTCCCGGGATCC  
 GAGTCCCGTGGCCGCTCCAGAGCGACCTGTCGTGAGCCTCGAGCCGGGCGCCCGCTCAGAGTCCAC  
 ATCTCCGGCTCAGTTGATGGACTAGACAAAGCCTCCATAGCAAACCTCAGATGGCCCCCAGCAGGTTCCC  
 AGACACCTCCCTTCAAGAGAAAGGGAACTCTCCACCATTTGGGAAAATCTTCAAGCCTTGGAAATGGAG  
 GAAAAAGAAGACCAGTGACAAATTTAGAGAAACCTCAGCAGTATTAGAGAGGAAGATATCCACCAGACAA  
 AGTAGAGAGGAGCTGATAAGAAGGGGCTGCTTAAAGGAATTGCCTGATCAAGATGGAGATGTAACAGTTA  
 ACTTTGAAAATCAAACGGGCACATGATACACATCGGAGAGGAAGCTACCAAGAGGAGAATGTAGGGAA  
 ACCTGAAGAAGGGAGTGACTCTGTGTGAGAAAAACCCACTCGGGAGGAGCAGGCAGAAGAGAAGACA  
 GCTGCATCCAGAGCTGGTTCTTCTCACCCGAAGAAAGCAACCGGCTCAAAGCGTCAGCCTCACCGTCCA  
 TTCTCTCCACCTTCTCGTCCCAGAGCACCAAGGAGTCACTGGCTGGCAAAGCAGGCCTAGTGGGGAC  
 CACGAGGGGAAGAAAAAATTAGCAAGCAGCCGGTGGCGTCCCGACTGTCCCCAGCACGACCATTCT  
 GACACGCCTAGTCTTAAGGGAGAGCTCTCAGACACTGGGATAGAGAGCCTCACACCAGAGGAGACTGTTG  
 CTGGAGCAGAGGAGCAGGCCACAAGCAAATCCAAGGCGGCCATCGCTCTGCCACCTAGCACAGCACACC  
 ATCCCCACCTGCCCTTCTTCTGCCCCCTGAAGATCAGTGCCTATTGCCTTGGACTCCCATGGTCCTA  
 GTCAGTGATGGACCTACCCTGCCGTCTCTGCCTTAGACACAAGTCAGCTCCTTTGGACTGAAGAACCAT  
 CGAGCAGAACCTCTCCGTACTCAAGCACTGGCTTAGGTGGGAGCAGAGAACAGGCAAAATGTTTTACAAC  
 CAAAGATGAGCTGGGACCACAGTTACTGACCCCTGGGCAGATGGGAGACTCGTCAGAATCCTTCAGTGCC  
 CAGAAGATGAGGCCCAAGAGAGTACCAAGCCAACGACTCTGACTCAGATGGACCCATCTTGTACTG  
 ATGATGATGATGAAGAAGATGATGATGATGACAGCAGTGGAGAAAGTGCCTGGCAAGCAAGATAAGACG  
 AAGGGATACACTTGCCATCAAACCTGGCAACAGACCGTCCAAGAAAGAACTGGAGGATAAAAAATCCTG  
 CAGCGAACATCTGAAGAGGAGAGGAGGAGCTGCGACAACAGATCGGAACCAAGCTGGTCAGGAGACTCA  
 GCCAGAGGCCAACACGGAAGAATTAGAGCAAAGAAACATCTTAAACAAAAGAACAAGAAGAGGAACA  
 AGAGGCGAAAATGGAGCTCAAGCGGAGGCTCAGCCGGAAGCTCAGCCTGAGACCTACCGTGGCAGAGCTA  
 CAAGCCGAAGGATCCTGCGGTTCAATGAGTATGTAGAAGTGCAGATTTCCAGACTATGACCCCGGAG  
 CAGACAAGCCCTGGGCCAGGTTGACACCTGCAGACAAGGCAGCAATAAGGAAAGAACTAAATGAATTTAA  
 AAGCACAGAAATGGAAGTTCATGAAGAGAGTTCGACAGTTTACAAGGTTTTCATCGTCCAT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001195065

**Insert Size:** 1881 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:**

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:** [NM\\_001195065.1](#), [NP\\_001181994.1](#)

**RefSeq Size:** 8540 bp

**RefSeq ORF:** 1881 bp

**Locus ID:** 215789

**Cytogenetics:** 10 A2