

Product datasheet for **MC216554**

Plekhs1 (NM_172641) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekhs1 (NM_172641) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plekhs1
Synonyms:	9930023K05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216554 representing NM_172641
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAAGCCAGACCTCCAAAAGGCCAGGCAAACAATTTACATTTGATTATGAAAATGAAGTCCATAAAC
 GGGATTACTTCATTAAAGTCGCCGCCCTCAGCTCTTCTCTCTGGGACCTCCTGGAAAAAGCGTCTTTT
 TATTCTGTCCCAGAGTCGGGAACGGGTCTCAGTCTTCTCTATTACAAAGACCATCAGCAGAGGTTCC
 ATCGAAATTGACGGCAGCTCCACTGTAGAAGTTGGTATAAACTGCCAGGAAAAGATGCAATCTGTGCAGA
 AGATGTTCAAGTGCCACCCAGATGAGGTGATGTCCATCAGAACTGCAAACAGAGACTATTTCTTATTGG
 CCATGACAGGGAGAAGATTAAAGACTGGGTCTCCTTCATGACACCATACTGCCAGGGTGTAAAGCAACC
 CATCAGAGAGCAGAGGAGAAGCTTCCCTGGGTGACAGAAGGCCAGTTCCGACCCAGTCTTCTTCTGG
 GCCTCTGCAGCATACCCAGGGTATCAGACTTGCATACCCAGGGGCCAGTCTTCCAGAGCATTAAATACA
 AAAAGCCTCAAAGATTCAAGCAAGCTCATCTTCATCAGGATCATGATTTCCACTCAGAACCCACCCAA
 GATACAGAAGAAGAGTACTATCTCACTCCTCGAAGTTTGAAGCCTGTTTGAATTAGAGAATATTGCTG
 GACCCAATGATTCTGGTGACTCCATCGAATCCAATAGTCCGGACCAAGGTTTCAAGAGAGCGGAGAGCAA
 TTACGTGTCAATGAGATCATTGAGAACCTGTCTCCTTAAAGAATCAACCTCTGCATCAGCCGACGACAAC
 GATGGCCAAGCGGAATTCAGACAGAGTCAGAGCTGGGGCTCCCCACAGGACAGCGGCACAGGAAGTG
 ATCCATGTCTTTACCTCCCAATTCCAAAGCCAGACCACAGATGACCAAAAGGGGTCCGCTCACTAAC
 TGTTGTGAAATTGTCTATATTACTCAACAACATCCCCGATGAGAGCCAAGTGGAGACTCTGAACGTGTTCT
 CTCTCTCTCGGGATGCCATCGACTACCTCGCTCTGGTAGAAGCAGCAGGACAGATCTGTGTGGCTCGT
 GGAAGGTCCTCCCGACTAGGATGCTTATTCTACCACGAGATCATATCTTGGCCGTGAATGACCTGAA
 ACCCCAAAGCCTGGAGGAGGTGCTCTTGTCTTACCCGATGTATCCAGAAGGAGAAAGTGAACCTCTCC
 ATTGGCCGGATCCCAACTCAGAGAAGCTCCACGCTTCCCCCTGTGCATGCTCCTTAAGACACAGTTGG
 CTGAGTCTGTCCAGCGGATTTGCCAGAAGTGGAGAGGACACCAAGAGGAGCCCTGCCATCAAAAAGAG
 TCAGAAGGAAGCTGCTGGGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172641
- Insert Size:** 1425 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172641.3, NP_766229.2</u>
RefSeq Size:	2385 bp
RefSeq ORF:	1425 bp
Locus ID:	226245
UniProt ID:	<u>Q8BW88</u>
Cytogenetics:	19 D2