

Product datasheet for RN217426

Plekhm2 (NM_001191767) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekhm2 (NM_001191767) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plekhm2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217426 representing NM_001191767 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGAGCCTCGGGAGGTGAAGGACCGAATCCTGGAGAACATCTCGCTGTCGGTGAAGAAGCTGCAGAGCT
ACTTCGCAGCATGCGAGGACGAGACCCCTGCCATCCGGAACCACGACAAGTCTGCAGCGCCTGTGTGA
GCACTTGGACCACGCCCTGTTGTACGGATTGCAAGACCTGTCTCTGGCTACTGGGTGGTGGTCCAT
TTCACCCGCAGAGAGGCCATCAGGCAAATTGAAGTGCTACAGCATGTGGCCACCAACCTGGGGCGAAGCC
GCGCCTGGCTCTACCTGGCTCTCAATGAGAATTCCTTGGAGAGCTACCTTCGCCTGTTCCAGGAGAACCT
GGGTCTGTACAGAAGTACTATGTACGGAATGCCCTGGTCTGCAGCCACGATCACTTGACTCTTCCCTG
ACCTTGGTGTCTGGGTTGGAGTTTATTCGGTTCGACCTGGATCTGGATGCCCGTACTTAGACCTGGCCC
CATATATGCCTGACTACTATAAACCTCAGTACCTGCTGGACTTTGAAGACCGCCTCCCAGCTCAGTCCA
CGGCTCAGACAGCCTGTCCCTGAACTCCTCAACTCTGTACCTCCACCAACCTGGAATGGGATGACAGC
GCAATTGCCCATCTAGTGAGGATTATGATTTTGGAGATGTGTTCCAGCAGTGCCGTCTGTACCCAGCA
CAGACTGGGAAGATGGAGACCTCACAGATACCATCAGTGGTCCCCGCTCTACTGTTCCAGACCTGACCAG
TAGCAAGGCATCCACCAAGAGCCCCACCCAGCGCCACAACCCCTTCAACGAGGAGCAGGGCGAGAGCGCG
TCATCTGAGACCACCCCGTGCACACTACCTCTCAGGAGAAGGAAGAGGCCACGGCCCCAGACCAGCCAG
ATGCTTGTACAGAGCTTGAAGTTATCAGGGTACCAAGAAGAAGAAGATTGGCAAGAAGAAAAAGACCAA
GCTGATGAGGAAGCAAGCCCACTGCACCCCAACTGTAGCCAGCAGAAGTGCGGTGCGCAGGGGGACGGT
GACGGACTTGTGGGCACCCAGGCTGGCGCGAACTGTTCCGACACCATACTTGCTCTCCACAGGAGC
AAGGGGAAGGGCCCGCAGTACCGCCGGGAGCTGTGAGCACTCAGAGCTCAGCCAGATGGGTTTGTGTAT
CCCCGAGATGAAGGACACCTCCATGGAGTGCCTAGGACAGCCCCCTGAGCAAGGTCATCGACCAGCTTCAT
GGCCAGCTGGACCTAGCACCTGGTGTCTCCCGTGTGAGCCCCGGATCAGTCTTTCGGACCGGCTCTC
CCGGGGAGGCCCGGAGAAACCGCATTTCGCACTTTAGTGAGGGGCTTCCAGCCCCCATGGACTTCTA
CCGGTTTACAGTCGAGAGTCCAAGTACTGTTGCACCAGGTGGCGCCACCATGACCTCCAGGGTCTAGC
CAACCGTGCATGTTCTGGTAGCCCTGCGCTGCTCTCCAAGAAGAAGAGGGAGGAAGAGGAGAGGGAC
AGACATCTCAGCCCTAGAGGACCAGCAAGGGAAGGAGATTAGGAGCCAGAGCCTCAGGAACCAGACAG
CCAGTTGCCGCTGGTCAGCCAGGAGCCTGGGCCTGAACCTGTGTCCAGCCTGAACCTGGAACCCAGGAA



View online »

ACTCTTTGCAAGCTCAAGGGAGACCAGCCAGTCCTTGTCTGAGCAGTGCTGAGGACTCCGGGGTAGACG
 AGGGCCAGGGTAGCCCTCAGAGATGACGCACCCCTCAGAGTTCAGAGTAGACAACAACCACTTGCTCCT
 ACTCATGATTCACGTCTTTTCGAGAAAATGAAGAACAGTTGTTCAAATGATCCGGATGAGCACAGGGCAC
 ATGGAGGGTAACCTACAGCTGCTCTACGTGCTACTCACAGACTGCTATGTCTACCTGCTTCGAAAGGGG
 CCACAGAAAAGCCATACCTGGTGAAGAGGCTGTTTCTTACAATGAACTTGACTATGTGTCGGTTGGCCT
 GGACCAACAGACTGTCAAGCTGGTGTGCACCAACCGCAGGAAGCAGTTTCTGCTGGACACGGCCGACGTG
 GCCCTGGCTGAGCTGTTCTTGGCGTCTCTGAAGTCAGCCATGATCAAAGTTGCCGGGAACCACCCTACC
 CCAGCGTCTTGACTGATGCCACCATGGAGAGGCTGGCGCTGGCAAAATTTGTCGCCAGGAATCCAATG
 TGAGGCATCCACTGTGACCGTGCCTTCTACGGACTTGTACACTGGGAGGACCCCATGGAAGAGGCCCTG
 GGCCCTGTTCTTCCAGTGCTCACCCGCTGAGGGCAGCATACCAAGAAGGCATGCTCCACTATAAGG
 CCAGCACCTCCTACCTGGGCAAAGAGCACTGGAAGGCCTGCTTCGTGGTGTCTCAGCAATGGGATCCTCTA
 CCAGTATCCTGATCGCACTGACGTATCCCCCTGCTCTCCGTGAACATGGGTGGGAGCAGTGCGGTGGC
 TGCCGGAGATCCAACACCACGGATCGGCCCCACGCCTTCCAGGTCATTCTGGCTGACCGCCTTGCTGG
 AGCTAAGCGCCGACAGTGAGGCCGAGATGGCAGACTGGATGCAACATCTTCCAGGCCGTATCCAAGG
 AGTCATACCCAGGGCATAGCTCCAGCCCTGTATCCCTTGCTGTCTGGTGATCAGGAGGACCGCCTC
 TTCACATGCCACGAAGATTGCCAAACCAGCTTCTCCGCTCCCTGGGCACAGCCAGACTGGCGGACATCA
 CTGCTATCTCCACTGAGTTAGGCAAGGAGTACTGTGTCCTGGAGTTCTCCAGGATAGCCCCAGCTGCC
 GAAGCCCTGGGTATCTACATGAGCTGCACTTCCGAGTTGGACCGGTTCCCTGACCGCCTGAGCTCTGGG
 TGGAAAGCCATCTACCAGGTAGACCTTCTCACAAGGCAATCCATGAAGCTTCCATCAAGCAGAAATTTG
 AAGATGCCCTGAGCCTCATCCACAGCGCTGGCAGCGGAGCGACAGCCTCTGCCGCGCAGGGCCTCCCG
 GGACCCCTGGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191767
- Insert Size:** 3096 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191767.1](#), [NP_001178696.1](#)
- RefSeq Size:** 3268 bp

RefSeq ORF: 3096 bp

Locus ID: 313667

Cytogenetics: 5q36