

Product datasheet for **MR219603**

Plekhd1 (NM_001177503) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekhd1 (NM_001177503) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plekhd1
Synonyms:	3830431G21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR219603 representing NM_001177503
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTACATCCAAGTCCAACCTCCGTGTCGCCATCGCCGTCCTGGAGCAGGCGGACGCGGACGCGCTGG
 ACATCAGCACCAAGTGCAGCTCTACGGGTTCTGTGAAACGCGCGTTTCGGGAGATCCTCGGCCAAGTG
 GTCCCGCGGTTTTTTCATCATCAAAGAAAGCTTTCTGCTTTACTACTCTGAGAGTGAGAGAAAGAGCTTT
 GAAACCAATAAGTACTTCAATATTCATCCTAAGGGTGTCATTCCACTGGGTGGCTGCCTGGTGGAGGCCA
 GAGAAGAGCCAGTATGCCCTATGCCATGAAGATCTCACACCAGGACTTCCATGGGAATGTCTTGTGGC
 TGGCGAGTCTGAGTTTGGAGCAGACACAATGGCTGGAGATGTTGCAGGAGTCTGGGAAGGTGACCTGGAAA
 AATGCCAGCTAGGGGAAGCTATGATCAAAAGCCTGGAGGCACAGGGGCTACAGCTGGCTAAGGAAAAGC
 AGGAATATTTAGACAAGCTGATGGAGGAGACAGAAGAACTGTGCCTTCAGAGGGAACAGAGAGAGGAGCT
 TGAGCGCTGAACCAAGTCTGGAGGCCGAGAAACAGCAGTTTGAGGAGGTGGTGAAGAGCTGAGAGTG
 GAGCAGGAGCAGATCAAAAGGGAGCTAGAACTCACTGCAAGATGCCTCAAGGGCGTGGAACAAGAGAAGA
 AGGAGCTGAGACACCTCAGAGTCTTACAGCATAACGCTGGAGGAACTCTCCATAGAGAAGAAGAAAAC
 CCTAGAGATGCTGGAGGAAGATAAGAACCAGCCACAGCCCTTGACCAACCAGAGTGAGCAGCCACCGGCC
 AGTGATGGTCTCCATAGCAACCTCAGGCAGATCGAAGAGCGGATGCAGGAGCTATTGGCGGAGAAGCTTC
 TGGCTGAGAAGCGGATGAAGGAGAATGAGGAACGCTCTCGGGCTCTGGAGGAGGAACGGGAATCTACTC
 AAGCCAGTCCCAGCCCTGCAGAACTCGCTGCAGGAGCTCACTGCAGAGAAGCAGCAGGCGGAGCGGGAA
 CTCAAGGCTGAAGTGAAGTACGCATGGACCTTGAGAGGCGGCTTCGGGAGGCAGAGGCGGCCTTCGGGA
 GCCTGGAAACAAGGCCTCAATTCCAAGTTTCGGAACAAGGAGAAGGAAGAACGGATGCGGGCGGACGTGAG
 CCACCTGAAAAGGTTCTTCGAGGAGTGCAATCCGGAATGCAGAGCTGGAGGCCAAGATGCCGGTCAATCATG
 AAGAACTCCGTGTACATCCATAAGGCAGCACTCGCCGCATCAAAAGCTGCCGATTCCACCGCCCGCGGT
 CCAGTACTTCTGGAATGACATGAAGCCATCCCAGTCTTCATGACCTCCAGCTAGAAGCCAACAACAT
 AGAGGAGCTGAAGGAGGTAGCCAAGCGGCTAAGCAGAGACCAGCGCTCCGGGAATCCATCTATCACATC
 ATGGCTACCCAGCCTGGGGCTCTGCACCTCCCGGGGAGGAAAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219603 representing NM_001177503
 Red=Cloning site Green=Tags(s)

MFTSKSNSVSPSPSLEQADADALDISTKVQLYGVLWKRPFGRSSAKWSRRFFIIKESFLLYSESERKSF
 ETNKYFNIHPKGVIPGLGCLVEAREEPSMPYAMKISHQDFHGNVLLAAESEFEQTQWLEMLQESGKVTWK
 NAQLGEAMIKSLEAQLQLAKEKQEYLDKLMEEETEELCLQREQREELERLNQVLEAEKQQFEEVVQELRV
 EQEQIKRELELTARCLKGVEQEKELRHLTESLQHTLEELSIEKKKTLEMLEEDKNQPPLTNQSEPPA
 SDGLHSNLRQIEERMQELLA EKLLAEKRMKENEERSRALEEEREFYSSQSALQNSLQELTAEKQQAERE
 LKAEVKVRMDLERRLREAEALRSLEQGLNSKVRNKEEERMADVSHLKRFFEECIRNAELEAKMPVIM
 KNSVYIHKAAATRIKSCRFHRRRSSTSWNDMKPSQSFMTSQLEANNIEELKEVAKRLSRDQRFRESIYHI
 MATQPGASALPRGGK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9081_d11.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001177503

ORF Size: 1515 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001177503.1](#), [NP_001170974.1](#)

RefSeq Size: 3527 bp

RefSeq ORF: 1518 bp

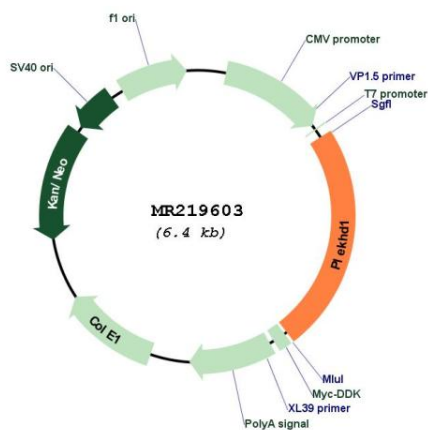
Locus ID: 217682

UniProt ID: B2RPU2

Cytogenetics: 12 C3

MW: 59.1 kDa

Product images:



Circular map for MR219603