

Product datasheet for **MR231448**

Prrt3 (NM_001289700) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrt3 (NM_001289700) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prrt3
Synonyms:	6330505P20; B230206N24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR231448 representing NM_001289700
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCAGCCCCAGGCCTGCACATCTCTCTTCTGCTGTTGCTGCTGCCATGCCTGGGGGCTGGCC
 CTGCCTTGGGCAGAGCCCTCCAGGCCCTGGAGAACTCAGAACCTCACATGATCCCATCAGAGTCACA
 GACCTTTGACCTCTTCTGGGAGAAGCTGAGAAATGAGAGTTCTGGCACAGCGGTGACCCCTCAGGCCGT
 GCTGAGGGGCCAAGAAGCCCGCAGACCCTTACCTAGGACCAGCCCTGCATGGGCCAAGGCAGCCCTG
 GGGTCCAAGGTGAAAGACTACTAAGAGCTGATGACCTCCAGCTGGCCCGAGCATTACCTCCAAGGCTG
 GACAGGACCTCTGACTCACAGGAGCTTCTGGAGCCTGAGGCACCAGAACCCACCCTGTGCGAGCACCT
 CGTCTCACTCTTGTCACTACAACCTCCAGCTCCCTACTCTCGGCAGCCATACTTTCCACTGCCTCCAGA
 AGCCTGGAGGCACAGCAGGGCAGCAGCCAGCTAGGAACGAGGAGCTAATAATGGTCAAAGCCGAGACCCA
 CATCACACAGGCTTCCCCTGGGACTTCCAGGGCTCTTCCACACTCCGGTACCCGAGACAGATGCTGTG
 AGGACGCTGGTGTGGGGAAAGCAGGGGGACATGAACAGGGCTTCCAGGAGGCTGTCCAGGGTCCCCTAC
 TCAACCAGCAGGATCCAGTAGTCCCTGGGGTGGCTCAACACCCCCAGTTAAAGTGGAAATCCACCCAGCA
 GCCTGGAGCCAGCTCGACCTGGCATTGGTCAGAAGCCTTCTCTTCTGAGGGGCTGCCAGCTGAACCC
 CCCAAAAGTGGAGCTGGGGATACCTGGGAAGTCAGCTCTCTGGGACCCCAACCAGAACAGACCGATCTCC
 TTGGAGGACAAGATCCCAGCACCCAGCCTATACCACCTTCAGCCTCAGACACTTCTGATGGGCACCT
 AAGACCAGCAGTATCCTCGCTGAATGGAGCCGACCCCATCTCCACACAGTGTGAGAGGAGCGATGGAG
 GCCCCAGGAACCCCAAGTCTTTCATCCCTGACCTTCAAATTCGCTCAAGCTGCAAATGGAACAGAGA
 GCCCTGTAGGGCCCTGCAGCCAGATGAAGCCGAGGATTGGCCGGGTGCCCCAAAGCCACCCTCCAGC
 ACCCCCTGTCCAGGCCCTCGACATCTCGGCGTGGTCTCGTTAGAGTACCACACAGAGAGCTCTGGGC
 CAGCCACTCCCTCCGAGCCCTCAGCCAGCTCCATAGTCCCATCCCAGCTTCTAGCCCCCAGCCAATG
 CCACCGCACCTCCCCTGCGTTGGGGACCCCTTCGGCGGGTCTGAGTTTCTCTGGGAGCTTCATGTGTA
 TGGGGTGGGGTCTTTTCTGCTTCCAGCATTATTGGCATTGGTCACAGTGGCAGCCGCCCTAGCGGGA
 CCCCATTAGCACTAGTGGCTGCCGCGTGGTATTGGTGGCTTCCAGGGCTGCGATCTGCCTACATGCTCA
 CGGATCCTTATGGCTCTCAGGCGGACTGGGAGTACGTGCAGGTCTGGTGTATAACAACCTGCCCTTCCC
 CTTGCTACTCACTGCAGTGGCAGCACTCACCTGCTGGGCTTGGGTGCTGGTCTGCCACAGCCTCTGCAG
 AAGCCGCTGCTGTGGGAATTGTGGCACCGGTGCATGGCACATGTTTGTGGCTACAGACCTGTTCTCCA
 CCAGCCCTGTGCTCAACCTTCTAACACAAGGCTTATCTTGCCTGGGGCGCCTCAGTGGCTCTGGGCAC
 ACTCTGCCTGTGCCGTCGACGCCTGCTGGAAGGCCCTCGGGGCTGGGATGCCAGTCCAGGGCCCCGGCTG
 TTGGCTGTGGCGGGCTCACTGGGGCTGTTGGCCAGTGGTCTGCAGTTGGCGGCCTCTCTGGCTGTACC
 CAGGGCTGGCCGGGAGGGTTCGTTCTCTGGGCTTGGTGGGGCTGCACCTTCTGGCTGCGCCTGCTGGA
 ATTGACCTGGGCACTGGCCCTGGCGTACGTGCCCTGGCTGCCACTCGTCCCAGGCCGCCACGGAGCAC
 GCTTGTGGGCTAAGCTGCTGCGTCTGGCGTCCCCGCGCCTACAGGGAAGAGCGAAGTTCCCGAGAGAC
 CCAATAACTGCTATCGGGGCCAGTGGCTGGGCACAGGCGCCCTGGACATCAGCAAAAGTCTCATCCG
 CAACGCTGCTGGGAAGCTGGGTTCTGTCACTCCTGGTCTGGACCCCTGGGGTTGGGCTGCATCGTG
 GGTGCGGGTCTCCAGGTGGCCAGAGGATGTCCGGGGCAGTGTGGGGCCCGCACCGTCTGAGCGAGC
 TGGATCTGCGGCCACCGTACCTATCAATTTGAGCCGAGCATCGACGCCGCGCTCTCCGGGAGCACTT
 GTTTCGAGAGAGTGTGTTCCAACGCTGTGGTCTCCGTGGCTTGGCCTCCTCGCCGACAGGGGGCGCCCTG
 CGGCCTCGCCGCGGACGACCCGATGCCAGCTCGACGGCGCGGGCACATCATTGCTCCGAGGCCGCT
 GCCGCTCGCTCACGAGGTGTGCTTGGCACGTCGCTCCCGCAGCACGTGATGGAGCCGCCCTCGGCGC
 GGCGGCCCGGGACTTCGGGCAGCTCCCTGGACAGTTTCTCAAAGGGCTCGTGAAGATCAGTGGAAC
 CCGTGGCGTACGGGCTGTATCCGTGGACAGCCTGCCCTAGATGAACTGCCAGCACCGTGCAGCTGC
 TGCCACCACCTACCCAGTCCCTGCTCCTGCCGGGGGGGAGCCTCAGGGCGAGGGCCAGTCCGCTTG
 CAAGTCCAGCGAGTCTCACAGCGCTCTAGTGACACTATAGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR231448 representing NM_001289700
 Red=Cloning site Green=Tags(s)

MAPSPQACTSPLLLLLLPCLGAGPALGRGLPRPLENSEPHMIPSESQTFDLFWEKLRNESSWHSQDPQAR
 AEGPKPADPYLGPALHGPKAAPGVQGERLLRADDLQLARAFTSQGWTGPPDSQELLEPEAPEPHVVRAP
 RLTLVTTTPSSLLSAAIILSTASQKPGGTAGQQPARNEELIMVKAETHITQASPWFQGSSTHPVETDAV
 RTLVLGKQGGHEQGFQEA VQGPLLTQQDPVVPVGVSTPPVKVESTPEPGAQLDLALVRSPLPEGLPAEP
 PKTGAGDTWEVSSLGPQPEQTDLLGGQDSPAPQPIPPSASDTS DGHLRPAVSSLNGADPI SPQRVRGAME
 APGTPKSFIPDLNSAQ AANGTESPVRALQPDEAEDWPGRPQSHPPAPPVQAPST SRRGLVRVTTQRALG
 QPLPPEPSASSIVPIPASSPPANATAPPLRWGPLRRVLSF SWELHVVYGVGVLFLLPALLALVTVAALAG
 PRLALVAAALVLVASGLRSAYMLTDPYGSQARLGVRAGLVLYNLPFLLL TALAAL TLLGLGAGLPQPLQ
 KP LLLGIVAPVHGTCLLATDLFSTSPVLNLLTQGLSCAWGASVALGTLCLCRRRLLEGPRGWDASPGPRL
 LAVAGSLGLLASGLQLAASLWLYPGPGREGRFSWAWWGVHFWLRLEL TWALALALAALATRRPPTTEH
 ACWAKLLRLACPAPTGKSEVPERPNNCYAGPSGLGTGGLDISKSLIRNAAGEAGLPVTPGSGPWGSAASL
 GRGRPGGQRMSRGSVGPAPSLSELDLRPPSPINLSRSIDAALFREHLVRESVVFQRCGLRGLASSPTGGAL
 RPRRGSQPD AELDGAGT SLLRGRCSRSLTEVCLRTSLPQHVM EPPVGAAGTSGSSLDSFSKGLKISWN
 PWRHGLSSVDSLPLDELSTVQLLPPTPVPAPARAGEPQGEQSRCKSSESHSASDITEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

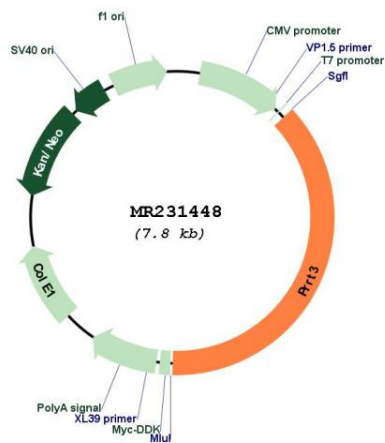


ACCN: NM_001289700

ORF Size: 2916 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:	<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_001289700.1, NP_001276629.1</u>
RefSeq Size:	3710 bp
RefSeq ORF:	2919 bp
Locus ID:	210673
UniProt ID:	<u>Q6PE13</u>
Cytogenetics:	6 E3
MW:	101.7 kDa

Product images:



Circular map for MR231448