

Product datasheet for **MC206765**

Prepl (BC004612) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prepl (BC004612) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prepl
Synonyms:	mKIAA0436, MGC7980
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC004612
 GCTGGAGGCTGGCTTCGGCTGGACAAGGCTGAGGTGACTGCAGCTCCTTCTGGAGAGCTTCGGTTTCTCG
 TATTTGTCTTCTACCTTCGCTCGTCCAGCTGTCTTTGATTTGCGATCTTCTGCCTATTAAGCCAGAA
 AGTGAAAAGCCCATTCTGAAAACATGGATGCATTTGAAAAAGTGAGAACAAGACTGGAAACACAGCCAC
 AGGAAGAGTACGAAGTCGTAATGCAGAGATTAACATGGCGGCTTTGTTTATTATCAAGAAGGTTGCTG
 CTTGGTTCGTTCCAAAGACGAAGAAGCTGACAGTGATAATTATGAAGTTTTATTCAACCTGGAAGAACT
 AAATTGGATCAGCCTTTCAATTGATTGCATCAGAGTTGCTCCTGATGAGAAAACGTTGGCTGCCAAGATAA
 GGACGGAGGATTCTGAAACCTCCACCTTAGTAGTTGTGAAGCTCAGTGACCAGCCTGTAATGGAAGCGTC
 GTTCCCAAACGTGTCAGTTTCAATGGGTGAAGGATGAAGAAGATGAAGATGTCTTATTCTACACCTTC
 CAAAGGAACCTTCGCTGCCACGATGTGTATCGAGCCACATTTGGTGACAACAAGCGCAATGAACGGTTCT
 ACACAGAGAAAGACCCAAGCTATTTTGTCTTCTACCTTACAAAAGACAGTCGTTTCTCACACTGAA
 TATTATGAACAAGACGACTTCGAGGTGTGGTTGATAGATGGCCTGAGCCCGTGGGACCCACCAGTCCTT
 ATTCAGAAGAGGATACACGGAATGCTTTACTATGTTGAGCATCGAGATGATGAGTTATACATCCTGACGA
 ATGTTGGAGAACCTACAGAATTCAGCTGATGCGGACGGCAGCTGATGCCCTGCTATTATGAATTGGGA
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 CCACCCTTCTGACTGGAAGAGTTGGAAGAGTGGGGGAACCCGTCATCTGATGAGAAAACACAAGAA
 CTACATAAAGCGTACTGTCCCTGCCAGAACATTAAGCCTCAGCATTATCCTTCAGTTACATCACAGCC
 TATGAAAACGATGAGCGAGTGCCGCTGAAAGGAATCGTGAACACACAGAGAAGCTTAAGGAGGCCGTGG
 CTGAGCACACCAAGGGAGCGGGTGAAGGCTATCAGCCCCCAACATTATCCTAGATATTCAGCCTGGGGG
 GAACCACGTGATTGAGGATTCTCACAAAAGATCACAAACCAGATGAAATTCCTATATGAGGAACCTGGA
 CTTGACAGCACTGATGCTTTCGAGGCGCTGAAGAAATACCTAAAGTTCTGAAATGCTGCATTGAGCTGGG
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 AGTTATATATAATTTTTTAAAAGTTGTCTTTGTGTAATTTGCTTAATACTTGTCTACTGTTCC
 ACCAGCACACACCCCTGGCCTAGGAAAGTCGTTTTCCATCATGCTCCTCAGTAGGATGTAGAGAAGGGA
 GCCAGAAGGACTGGGGCAGGAGAACAGGAGAACGCTGGCCTCCCAATCAGTCTTTAACAGAAATTTTAC
 AATTCAAAATCCTTCCCCTTGTAGTGAATATTTGTAGGCGCTGTGGCTGTGAGTACCTTGAATTTT
 CACAACCTCACTTTAAAGAAAAGGATAGCATTCTCATATTTAAATGCTTTAGTATTTTGGCATAATCTT
 TTAACACTTTAAAACAGTGCATTCGTGCTACAGAAATCTAAGAATTGATGCCATTCATGAGTCTGC
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 GAGGATGTCCAGTGCAGTGGAGTAGCACGCCGACTGGAACAAAGCATCTGTCTCTGAAAGCGCCTGC
 TGATGGAGGGGAGCCTTGTGCTGTGCTCCAAGACCAGGCCCTCTCCCTTCTCCAGAGAAATGGCACGGG
 TGTCAACAGCACTGCCTTTGGAGGCTGAGTTGGTACTTAACCTTATTCTCAGGTCTGGAGGAAGATCTGA
 AATGATCCCTGTAGATTTAGCACAGTTGATGATTCTCCAAAATTCAGAACCACGAGGAAGACGTTATCT
 ATGCCGTCCAGCTCTTGTGTACACCACAGAGTACTGTGCTCTCAAGAGGCAAAACCAGCCCCGGC
 TGAGGACCAGCTCTGTGGCATGGAGTAGACTCAGATCCTGATACAGCCTCAGTGTGAGCTCGGCTGGT
 CTTTTGGACCTGTTTTTAAAAGAATATTGACATAAATGTTTGATTTAAGAATTATCCACACCCCCCCC
 AAAAAATCCCTTGTCTTGTGTTGCCCTTACTGTCCAAGTAAGTAAATAACTGCCCAATTATAAAGC
 ATTTATAAATAGTTGGTCTAAAGTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC004612

Insert Size:	1917 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:	<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:	BC004612 , AAH04612
RefSeq Size:	3261 bp
RefSeq ORF:	1917 bp
Locus ID:	213760
Cytogenetics:	17 E4
Gene Summary:	Probable serine peptidase whose precise substrate specificity remains unclear. Does not cleave peptides after a arginine or lysine residue. May play a role in the regulation of synaptic vesicle exocytosis.[UniProtKB/Swiss-Prot Function]