

Product datasheet for **MC202168**

Prpsap2 (NM_144806) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpsap2 (NM_144806) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpsap2
Synonyms:	A230054F23Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023178 sequence for NM_144806
 CGACGCGTGGGCTTTCTCGCGCTTAGAGTCGCCATTTTGTGCTGAAGACGCCGTGCGGAGCTCTGTGCTCT
 CTTCTTCGGCAGCCGAGGCTGCGGCGGGCCGGCTGGGGTGGGACCAGGAGGAATTTTGTGTCAGAG
 AATAACAGGAGGTTGCCATAATTGACTTTAAGCAGCAAACAGTAAAACACTGAGCTCTCAGCTCCGCC
 TTTCTTGCTCTGAGAATTGAAAAGCCAAGAAGGTTTTGATGTTTTGTGTGGCGCCTCCTGAATTAGAAAC
 CAAGATGAACATAACCAAAGGAGGCCTCGTGTGTTTTTCAGCAAATCCAATTCATGATGGAGCTT
 TCAAAGAAAATTGCTGAGCGGCTGGGGTGGAGATGGGCAAAGTGCAGGTTTACCAGGAACCTAACAGAG
 AAACAAGAGTTCAAATCCAGGAGTCTGTGAGAGGAAAAGATGTATTTATCATCCAAACCATCTCAAAGGA
 CGTGAACACCACCATCATGGAGCTGCTGATCATGGTATATGCATGTAAGACCTCATGTGCCAAGAGCATC
 ATCGGAGTGATCCCTACTTTCTTATAGCAAGCAATGCAAAATGAGAAAAAGGGCTCCATTGTCTCAA
 AATTGCTGGCTTCTATGATGTGCAAAGCTGGTCTGACTCATCTCATCACTATGGATTTACACCAGAAGGA
 AATCCAGGGCTTCTTCAATTTCCAGTGGATAATTTAAGAGCCTCCCATTCCTGTTACAATATATTCAA
 GAAGAGATCCCAGATTATAGGAATGCAGTCATCGTGGCCAAGTCTCCAGCCTCAGCCAAGAGGGCACAAT
 CTTTTGCAGAGCGTCTACGTCTGGGAATCGCAGTATCCATGGAGAAGCACAGGATGCTGAGTCTGACTT
 GGTGGATGGCCGGCACTCCCAACCAATGGTCAGGAGTGTAGCTGCCATCCATCCAGCCTGGAGATCCCG
 ATGCTGATTCCTAAAGAGAAGCCCCAATCACAGTTGTTGGTGTGTTGGAGGAAGAATCGCCATCATTG
 TGGATGACATTATTGATGATGTGGATAGCTTTCTGTGTCAGCAGAGACCTGAAGGAAAGAGGTGCATA
 CAAGATCTTTGTGATGGCCACTCACGGCTGTTATCCTCTGATGCTCCCGGCTGATTGAAGAGTCTGCC
 ATTGATGAGGTGGTGGTCACTAACACGATCCCACACGAGATCCAGAAGCTGCAGTGCCCCAAGATCAAGA
 CTGTGGACATCAGCATGATCCTCTCAGAAGCCATCCGCCGAATTCACAACGGGGAGTCCATGTCCTACCT
 TTTAGAAAATAGGCTTAGATGACTGAACAGTTCCTATGGTGAAGTCCCACAGGTCAGTGGGAGC
 CCAGCGTGTACGCTGGGAGGGCCATGCCCGGCCAGACACGTGACCCCTCCCTTTCCACATCTTCCTC
 ATTCATTCCTGTGAAGGTACAAGGACCAGCTTTTAAATGTTGGTTTAGGTTTTTGTGAGTTTTAGGGCA
 ATTTTTATAACAGAAAGACCTCCTCTGAAATGAAAGAAGTTAAAACCTGATTGTTTTTAGTGTAACCAAT
 TAAATAATACACTTGTGAGATTTTTAAGCTCAGCCTTTTTTAAAGTTGCTGTATCCAACCTGTTCAAAA
 GAATTAATAAAAATGATCTGCTGTACTACTAGAATCAAAAAGCTACTGTTGGTTCCAACACATGACC
 TTTTTAGGAACGCTTTTATAAATGGGCATATAGAGTATGTGGCTGATTTATTTTCTGCAACTAAAAAAA
 GAATAAACCTTGTGTTGTTTTTAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144806

Insert Size: 1110 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.

RefSeq: [BC023178](#), [AAH23178](#)

RefSeq Size: 1857 bp

RefSeq ORF: 1110 bp

Locus ID: 212627

UniProt ID: [Q8R574](#)

Cytogenetics: 11 B2

Gene Summary: Seems to play a negative regulatory role in 5-phosphoribose 1-diphosphate synthesis.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).