

Product datasheet for **MC206126**

Pvr12 (BC046770) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pvr12 (BC046770) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pvr12
Synonyms:	MPH, nectin-2, Cd112
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC046770
 GGCGAGGGAAAGCTGGGCCGAACGAACTGATCCGGGGAGCCGTGAGCGGCGGAAGCCGGCCTGGAGCCGG
 ACACCTCAGACCCCTGACTGCCCTCCCAGCCGATCGGTACACGAAGAGTGGTCCCTAGGCACCCCTGCC
 CGGGCCAGTCCCTCCCGGGCCCCCATGGCCCGGGCCGAGTCTCCCGCCGTCCAGATTGTACCCGA
 CGCTGCCGTTGTTGCCGTGCTACTGCTCTGCTTACAGAAACAGGAGCCCAAGATGTCCGGGTACGAGT
 GCTTCCCGAGGTCCGGGGCCGCTTGGGAGGCACCGTGGAGTACCGTGCCACCTGCTCCCACCCACGACG
 GAGCGCGTCTCTCAGGTGACCTGGCAGCGCTGGATGGCACAGTGTGGTGTCTTCCACCCATCCTTCG
 GAGTGGATTTCCCAACTCTCAGTTCAGCAAGGACCGTGTCTCTTTGTAGAGCGAGACCAGAAACAAA
 CGCAGACCTGCGGGATGCCACACTGGCCTTCCGGGGACTGAGGGTAGAGGACGAGGGCAATTACACCTGC
 GAGTTTGCACGTTTCCCAACGGTACCCGACGGGGGTGACCTGGCTCAGAGTCAAGCCAGCCTGAGA
 ACCACGCTGAAGCCAGGAGGTCAAAATGGCCCCAGTCCGGTGGCTGTAGCCCGCTGTGTCTCCACTGG
 GGGCCGCCCCCTGCCGAATCACCTGGATCTCATCTCTGGTGGAGAGGCCAAAGATACTCAGGAGCCA
 GGGATACAGGCTGGCACCCTCACTATCATCAGCCGATACTCCTTGGTCCCGTGGCCGAGCGGATGGCG
 TCAAGGTACGTTAGAGTGAACACGAGAGCTTCAAGAGCCGATCCTGCTGCCAGTGACCTCTCTGT
 GCGCTACCTCCAGAAGTATCCATCTCCGGCTATGATGACAACCTGGTACCTTGGCCGAGTGAGGCCATA
 CTGACCTGTGATGACGAAGCAACCCAGAGCCACAGACTATGACTGGAGCACGACCTCGGGCGTCTTCC
 CAGCCTCTGCAGTGGCCAGGGCTCTCAGCTGCTTGTCCACTCTGTGGATCGAATGGTCAACACTACCTT
 CATCTGTACAGCCACCAACGCTGTGGGGACAGGCCGTGCTGAGCAGGTACATCCTGGTGGCAGAGTACCC
 AGCACAGCAGGAGCAGGGGCCACTGGTGGCATATTGGAGGATATTATCGTGCATCATCGCCACCCGAG
 TGGCTGGCACAGGCATCTCATCTGCCGACAACAGCGGAAGGAGCAGAGGCTTCAAGCTGCGGATGAGGA
 AGAAGAACTGGAAGGACCTCCCTCTATAAACCACCCACCCGAAGGCCAAGCTGGAGGAACCAGAGATG
 CCCTCTCAACTCTCACCTTGGGGCCCTCAGAGCACAGCCAGTGAAGACGCCATACTTTGATGCTGGTG
 TCTTTGTGCTGATCAGGAGATGCCTCGGTATCACGAGCTGCCACTCTGGAAGAGTGGTCAGGGCCCT
 GCTGTTGGGGCTACAGGCCTGGACCTTCTTCTTGGTCCAGGACCCAATGTTGTGGAGGGGTT
 TCCTGAGTCTCGAAGATGAGGAGGAAGATGATGAGGAGGAAGACTTCTGGATAAAATCAACCCTATTT
 ATGATGCCCTGTCTACCCAGCCCTCTGACTCTACCAGAGCAAGACTTTTTTGTGTACGGGCCAT
 GTATGTGTGAGGGAGGCACAGGGCTCTGACGTCTCACCTTTACCCCTTGACCCATGAGCTTTCCACCAG
 TAATCTAGGACTCTGACTTCCAGGCAGACCAGGACAACATCACCCATTGCAATCCACCTGTGACTT
 CTTAGTGACTCCACCATGACGTCCAATCTATGATGTCTGAGGCAGGCAACCTGCACAACCTGAAACCTG
 GAGATTTTATCTCCCTTGGCAGGGAGCTACCATATCCTTCTGCACCACCTGTGACCCCCCCCCCCCC
 CCAAGGACTCCTAAGACTACGACCTTTGACCATGCCACTCAGTATCTCAAGAACCCTTAAAGTCCCAAA
 GGAATCGGACCTTGCACCTGTCCCTCAGGCAATAGAGTCCAACAGATATGCAAGAACGGGATCAGGGGCTC
 CCTGTTGCTCAGACCTGAGCCCTCCAGGCAGCAGAAGCTCACCTGATCCCTCCCCACCCTGCTCCCCAAA
 GGTGAAAAGGAGAGGATTCCCAATGTAAGGTAGGACCTCCCATCTCCACCTACTCCTGCAGGCAGGAA
 TCTCAGGTTTCTCACACCCTCTCCTCAGCACCCAGGTTCTGTCTCCAGAGCATGAATCCAGGTCCAAT
 GCTAGAGGGGAGAACCTAATGCAAGTGTGCTTGGCACCCCAAGTTTGGGAGACTCTGCTTATCTCTGA
 GGACTACTGAATCTTTTAAACCCTACCCAGTGAGATGAGAACTACATATCCCTTTTAGGGGATGGTGT
 GTGTATGTGTGTGATGGAGAATCTGGGCATCTGGGTTGGGAATTTATTTTGAAGCATTTCTACAT
 AATATGAGTTTCTACTTTGATAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** BC046770
- Insert Size:** 1593 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: [BC046770](#), [AAH46770](#)

RefSeq Size: 2633 bp

RefSeq ORF: 1593 bp

Locus ID: 19294

Cytogenetics: 7 9.94 cM

Gene Summary: Modulator of T-cell signaling. Can be either a costimulator of T-cell function, or a coinhibitor, depending on the receptor it binds to. Upon binding to CD226, stimulates T-cell proliferation and cytokine production, including that of IL2, IL5, IL10, IL13, and IFNG. Upon interaction with PVRIG, inhibits T-cell proliferation. These interactions are competitive. Probable cell adhesion protein.[UniProtKB/Swiss-Prot Function]