

Product datasheet for **MC205053**

Pfn3 (NM_029303) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pfn3 (NM_029303) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pfn3
Synonyms:	1700012P12Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048629 AGCTCTGAATGCAGCCGGCCACCCCTAATGCAAGCACAAAGTTGCTGGGACTGACTGAGCGGAGATGA GTGACTGGAAGGGCTACATCAGTGCAGTGCTGCGGGATCAGCGGATCGATGACGTGGCTATCGTGGCCA CTCGGACAATCGCTGTGTGGGATCACGGCCTGGGGTCTGCTGGCTGCCATCTCCCGCAGGAGGTG GGTGTGCTCACCGGGCCAGACCGGCACACCTTTCTGCAGACGGTCTGAGCGTGGCAGGCCGCCGCTGCT GCGTTATCCGTGACTACCTGCTGGCCGAGGGTGACGGCGTACTGGATGCGCGCACCAAGGGGCTAGACGG GCGTGCAATCTGTGTGGGCCACACGCCACGGGCGCTCCTGGTGTCTATGGCAGACGAGGCGTGCATGGA GGCATCCTCAATAAGACAGTGCACGATCTGATTGGTGGGCTGCGTGAGCAGTGCTCTTAGTAGGACAGCT AGACCGCCCGTGGTTGGTAGGGAGACCAGAATAAACCGTGAAGTGGTGTCTGAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Sfil-Sfil
ACCN:	NM_029303
Insert Size:	414 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).



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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: [BC048629](#), [AAH48629](#)

RefSeq Size: 574 bp

RefSeq ORF: 414 bp

Locus ID: 75477

UniProt ID: [Q9DAD6](#)

Cytogenetics: 13 30.06 cM

Gene Summary: Binds to actin and affects the structure of the cytoskeleton. Binds to poly-L-proline, phosphatidylinositol 3-phosphate (PtdIns(3)P), phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) and phosphatidylinositol 4-phosphate (PtdIns(4)P). Slightly reduces actin polymerization. May be involved in spermatogenesis.[UniProtKB/Swiss-Prot Function]