

Product datasheet for **RN210741**

Ppef2 (NM_001107210) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppef2 (NM_001107210) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppef2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210741 representing NM_001107210
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGAAGCAGCTCGTCCACCCAGCACCACTTTGCGTTTCAGAATGCGGAGAAAGCCTTCAAGGCAGCAG
 CCCTGATCCAGAGATGGTACCGACGCTACATGGCCCGCCTGGAGATGAGGCGCGCATGTACCTGGAACAT
 CTTCCAGTCTATAGAGTATGCTGGACAGCAAGATCAGGTCAAGCTCCATGAATTCCTCAGCTACCTTG
 GACCACTTCACTCCCAGCAGTCACACGAGAGAGATTTCTGAACCGAATGTTCACTGAGGAGAGATTG
 CCCAGGATGTGGAGACAGAGGAGGGCGCGATTTTGAATCCATAGAGGTGCCCAGACGTACACGGGGCC
 ACGCCTCTCCTCCCCCTTCTTCTGACCATGCCACTGCCTTGGTGAAGCTTTCAGGCTGAGACAAACAG
 CTCCATGCTCGTACGTCTTGAATCTTTGTATGAGACCAGAAGACACCTGGCCAGCTGCCCAACATCA
 ACCGAGTCTCTACCTGCTACAGCGAGGAGGTACAGTGTGTGGAGATCTACATGGCCAGTTGGATGACTT
 AATATTTATATTTACAAGAACGGTCTACCGTCACCAGAGAGAGCATACGTGTTCAACGGTGACTTCGTG
 GATCGAGGCAAGGACTCTGTAGAGGTCCGTATGGTTCTGTTTGCCTTCATGTTGGTGTACCCCAAAGAGT
 TTCATCTTAACAGAGGAAACCATGAGGACCATCTAGTGAACCTACGATACGGCTTCACCAAGGAAGTGAT
 GCATAATACAAGATACATGGGAAGAAAATCCTAAGGACGCTTCAAGATGTCTTCTGCTGGCTTCCACTG
 GCCACTCTGGTTGATGAGAAAGTCCTTGTCTTTCATGGCGGGTCTCAGACAAGACGGACCTGGAACCTC
 TGGCTAACTAGATAGGCACAAGATTGTTTCTACCATGCGATGCAAAACAAGAAAGGAAAGTGAGAATCT
 GGAGGAGCAGAAGAGAAAAGATAACAGACAAGCTCTGCACAGAAACCGACTCCGTGGTTTCTTCTCAG
 AGCCGCTCTCTTCCCTCTTCCCTTTTACCTGGGCTCTGGGTTTAAGGCCTACAAGCCTGCAGGTCTC
 GCAGCATCCCCTGTGGCTCGGCTGTGAGCAAGAGCTGTCCCGCAGGGGAGGTGCGGGCTCCATGGA
 CCTGGAGCTGGAACGTGTCCCGCAGCAAGCCGGCTTCTGGGGATCCGAGAGAAGAGGGAGTCTTTGCC
 TTGGCCGACTGTGATGCTGATGCAGGAGGATGCTGAAGCCCACTCTGAGGAGTGGAAGCAGGTTGTAG
 ATATTCTGTGGAGCGATCCCATGGCTCAGGAGGGCTGCAAGGCCAACACTGTCCGAGGAGGAGGCTGTTA
 CTTTGGGCTGATGTGACAGAACAGTTGATGGAGAAATACAAGCTACAATTCCTGATCCGATCACATGAG
 TGCAAACCTGAAGGCTATGAATTCGCCACAACCGCAAGGTGTTAACCATTTTTTCTGCCTCTAACTACT
 ATGAAGTTGGCAGCAACAGGGGAGCCTACGTCAAACCTGGGACGACCTGACTCCACATATCGTGACGTA
 CCAAGCTAACAAGGCGACCCACAGGCTGACCATGAGGCAAAGGATCAGCAGAGTGAGGAGTCGGCCCTC
 AGAGCCCTGCGACAAAAATTATTTGCTCATTCTCGGACCTGCTTGTGAGTTTAGGAAGCGCGACCCGG
 ATGAGAGCGGTGTAATCACCTGAGTGACTGGGCAAGTCGCGTAGAGGCTGTGCTGCACCTGGGGCTGCC
 ATGGAGGATGCTGCGGCCACAACCTGGTCAATAGTTCAGCAGATAACGTGTTGGAGTACAAGTCTGGTTG
 GACAGCTTGGCCAAAGAGCAGCTGAGCCGAGAGAAATTCAGTCGAGTCTGCTGGAAAAGCTCTATCGAA
 ACCGATCCAACCTGGAGACCATTTTGGATCATAGACAGCGACCATTCAGGGTTTCATCTCCCTGGACGA
 GTTCAGACAGACTTGAAGCTCTTCAGCTCTCATATGAACATCGACATCAGATGATGGCATCTGTGAC
 CTTGCCAGAAGCATCGACTTCAACAAGGACGGCCACATCGATATCAATGAGTTCCTGGAGGCCTCCGCC
 TCGTGGAGCAGTCTGCTCGGAGGGCCAGGCCTCTGCTTGCCACAGTCCACAGACACGGGGAGAGTGG
 TCGTAGCAGTCCAGGCCCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107210
Insert Size: 2265 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:	<u>NM_001107210.1, NP_001100680.1</u>
RefSeq Size:	3095 bp
RefSeq ORF:	2265 bp
Locus ID:	305246
Cytogenetics:	14p22