

Product datasheet for **MC220125**

Ppef1 (NM_011147) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppef1 (NM_011147) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppef1
Synonyms:	PPEF-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220125 representing NM_011147
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTGTGGCACTTCTTCAAAAAAGGCAACAATCTAAGAAAGTGATAAAAGCCGGTATAGTCATCC
 AAAATTGGTACCGCGGTACAGAGCTCGACTGAGGGTCAGACAGCATTATGCCCTCGCCATCTCCAGTC
 TATTGAATATTCTGACGAGCAAGGCCAAATGCAGCTATCCAGCTTCTTTTCGTTTCATGTTGGAAAACTAC
 ACAAAGACAAATAATGAAGATTCAGCATTAGTAACTCGAATTTTTGACAACACCAGGCGGAAAGCCAAA
 TCAAGGATAGAGATGACTTTTTGGGGTTGATAGAAGTGCCTGACTCCTATGATGGTCTCGGCTGCAGTT
 TCCTCTGACGTTTACTGACATCCATATACTTCTCAGGCCTTCAAGCAACAGCAGATACTTCATGCTCAC
 TACGCTTAGAGGTGCTATTTGAAGCTAGGAAAGTCTGAAGCAAATGCCGAATTTCTCTCATGTAAAA
 CCTTTCCCGCAAAGAGATAACAATATGTGGTATTTGCATGGGAAACTGGATGATCTTATGCTGATTTT
 CTATAAGAATGGCCTGCCTTCAGAGAACAATCCATACGTTTTCAATGGTGACTTTGTAGATCGAGGAAAC
 AATTCCATGGAGATCCTAATGATCCTGCTGTTTGTGTTTTCTGTCTACCCCTCTGACCTGCACCTCAATA
 GAGGGAACCATGAAGACTTTATGATGAACCTGAGGTATGGCTTCAAAAAAGAAATTTTACAAAAATACAA
 GCTACACGGGAGAAAAATCTTACAAGTCTTGAAGAAGTCTATACCTGGCTCCCAATCGGTACAATTATT
 GACAACGAAATCCTGGTCATACATGGTGGGATACAGAATCCACAGACTTGAATACACTCCACCAGTTAC
 AAAGAAATAAAATGAAATCTGTGTTGATGCCGCCAGTGTGGGAAATCAAGAGACTGGCGAAAAGAGAAA
 TAAATCAGCGTCAAATATGTTGAACCAAGGAAGTTGAACCAGACAAGACTCCTTCTGAAGACTTGACA
 AAGCAAGAATGGGAACAATAGTTGACATTCTGTGGAGTGACCCAGAGGCAAAAAAGGCTGTTATCCAA
 ACACAAGCCGAGGAGGGGCTGCTATTTTGGACCAGATGTTACCTCTAAGTTCTTAGTAAAAACAGTT
 GAAGATGCTCATTAGGTCTCATGAGTGTAAACCCGACGGTATGAAGTCTCTCATGATGGAAAGGTCATT
 ACTGTATTTTCTGCTTCTAATTATTATGAAGAAGCAGCAACCGAGGAGCTTACATCAGACTAAGTTATG
 GTACAATGCCACAATTTTCCAGTACCAAGTAACTAGTACATCATGCCTGAACCTCTTCCACAAAGGAT
 GAATGCTATGGAATCCAGTGCTTCAAGATACTAAAGGAAAAATGATTTACGAAAAACTGATCTCATC
 AACGCTTTCGAGCTCCGTGACCACAGTAGGTGAGGAAGGATTTTATTGGCCGAGTGGGCATTTTCTATGG
 AGAACATTTTGGGGCTGAACTTACCATGGAGATCTCTAAGTTACACCTGGTAACCATGATTCCAGCGG
 AAGTGTGACTACATGTCCAGCTTTCAGCATATCCGATTTGAAAAGCCTACGAAAGATATGAAGTCCAAT
 CTAAGTAACTATGTACAGATACCGATCTGACCTGAAAATCATATTTAATATCATCGACAGTGATCAAT
 CAGGTCTGATCTCCATGGATGAATTTCCGACCATGTGGAAACTTTTCAATGCTCATTACAAGCTCATAT
 AGATGATTCCAAATGATGAGCTTCCAGCATAGTGGACTTCAACAAAGATGGCAACATCGACTTAAAT
 GAGTTTTTAAAGGCTTCTATGTAGTACATAAATATGATAAGCCAGGACCAGTCTTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_011147
- Insert Size:** 1953 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: [NM_011147.1](#), [NP_035277.1](#)

RefSeq Size: 2483 bp

RefSeq ORF: 1953 bp

Locus ID: 237178

UniProt ID: [O35655](#)

Cytogenetics: X 73.95 cM

Gene Summary: May have a role in the recovery or adaptation response of photoreceptors. May have a role in diverse sensory neurons and in development.[UniProtKB/Swiss-Prot Function]