

Product datasheet for **MC219319**

Pyroxd2 (NM_029011) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pyroxd2 (NM_029011) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pyroxd2
Synonyms:	3830409H07Rik; 4833409A17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC219319 representing NM_029011
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTGCCGGCGGCCGAGGTCTCATCAGGGCCTTGCACTCCTCTCCCTGCCCTACTTGAAACGAGCTC
 AGTCGGGAGCCAACGGGCGCCTGAAGCCGAGTACGATGCCGTGGTGATAGGAGCAGGACACAATGGGCT
 GGTGGCTGCAGCGTACCTCCAGAGACTGGGGTGAACACCGCGGTCTTCGAGAGCGCCATGTGATTGGG
 GGCGCAGCTGTACGGAGGAGATCATTCTGGGTTCAAGTTCTCCCGAGCATCCTATCTCCTGAGCCTAC
 TGAGGCCACAGATTTGCACAGACCTGGAGCTGAAGAAACACGGGCTGAACTTCATCTGAGAGACCCCTA
 CTCCTTACCCCCATGCTGGAAGAGGGCACACTGAACAGGCTGCCAGGTCCTTCTGCTGGGCACAGAT
 ATGGCTGCAAACGAGAAGGAAATCTCTCAGTTCTCACGAAGGATGCTCAGGCTTTCCCGAGATACGAGG
 AGTTCATGAAACGCTTGGTGCTAGCCATTGACCCCTACTGGATGCAGCTCCAGTGGACACAACAGCCTT
 TCAGCATGGCTCTCTGTTGCAGAGGCTCAGGGCACTGTCCACCCTGAAGCCCTGCTGAAAGCAGGGCGC
 ACCCTGGGAGCCAGCTTCCCCAATATTATGAGGTCTCACAGCCCCATTTCCAAGGTGCTGGACCAAC
 GGTTTGAGTCTGAGCCTCTGAAGGCAACTCTGGCAACAGATGCTGTGATTGGAGCAATGACGAGTCCCCA
 CACTCCGGGGAGTGGGTATGTGCTGCTGCATCACGTGATGGGTAGCCTGGAGGGGACGACGGGCGCCTGG
 AGCTACGTCCAGGGTGGCATGGGCGCCCTCTCTGATGCCATCGCGAGCTCGGCTGCTACACGTGGAGCAA
 GCATCTTCACAGAAAAGACTGTGGCTAAGGTTACAGGTGAACAGTGAAGGCCGTGCCAAGGAGTCACACT
 GCAGGACGGCGAGGAGGTGAGAGCAGAGTCGTCTTGTCTGCGCGTACCACAGGTCACCTTCTTAGAG
 CTGACACCACAGGAGTGGCTTCCCGGGGCTTTTGTGAAGAGAATCTCCAGCTGGACACCCAGTCTCCTG
 TCACCAAGATCAATGTGGCTGTGGACAGGCTGCCAACTTCCAGGCGGCCCTAATGCTCCCGGGGACCA
 GCCCCAAGGTCAACATCAGTGTTCATCCACCTGAACTGTGAAGACACCCTGCTCCTCCACAGGCCTTT
 GAAGATGCCAAGGTGGCTGCCTTCCCAAAAGCCTATGATTGAACTCTGCATCCCTTCATCGCTGGACC
 CTACCCTGGCTCCACAGGCTGCCATGTTGTCTCCCTCTTCACTCAGTATACACCCTACACCCTGGCAGG
 AGGCAAGGTCTGGAATGAGCAGGAGAAAAACCTATGCGGACAAAGTGTGACTGTATCGAGGCTAT
 GCGCCCGGCTTCAAGAGATCTGTGCTGGCCAGAGATATTCTACCCACCGGATCTAGAGAGAATCTTCA
 GGCTTCTGGAGGAACATATTCCACGGTGCCATGTCCCTGGACCAGCTCTACTTGGCCGTCCAGTGCC
 CCAACACTCTGACTACAGATGCCAGTGCAGGGCTGTACCTCTGTGGAGTGGGCCCCATCTGGAGGA
 GCGCTCATGGGAGCGGCTGGACGAATGCGGCCACGTAGTCTTTAGAGACCTCAAGAACAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_029011

Insert Size: 1746 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_029011.2](#), [NP_083287.2](#)

RefSeq Size: 3119 bp

RefSeq ORF: 1746 bp

Locus ID: 74580

UniProt ID: [Q3U4I7](#)

Cytogenetics: 19 C3

Gene Summary: Probable oxidoreductase.[UniProtKB/Swiss-Prot Function]