

Product datasheet for **SC123790**

NPAL3 (BC001265) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	NPAL3
Synonyms:	RP3-462O23.3
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC001265 edited
 GGATGAAGGAGGCTGTGCCTCCGGTTGCACGAAGAGTCCGAGTCAATTTCTCAGAAGGTT
 TTGATAGTGGGCTTAGAGGAGACGCCGCCGAGCACCACAAGAACTGGAAAAACACCCC
 CTCTCTGTCTGCCTGGGAGAGCCACGAAATTGGCACTTCTCTGAGTGAAGCTGAGGAGA
 AGGCTGTAATCTGCCAAAACAGCCTTGAAGTATTCTTTTGTATGAGGAAGTACGGCT
 GCTGGAGGGAGGTGAACACCACAAGGAGAGATGGCATCTGGCTGGGCCCGCCTAGCAG
 CAGCTCCACCTCCTAGGCCAGGCCCTGTGGGATGCGCCACTAGACCACCATGGACGGATC
 CCACAGCGCAGCCCTGAAGCTGCAGCAGCTGCCTCCCAAGTAGCTCCAGCGCCGTAAG
 CGAGGCCTCCTTCTCTACAAGGAAAACCTGATTGGCGCCCTCTTGGCGATCTTCGGGCA
 CCTCGTGGTCAGCATTGCACCTAACCTCCAGAAGTACTGCCACATCCGCTGGCAGGCTC
 CAAGGATCCCGGGCTATTTCAAGACCAAGACATGGTGGCTGGGCTGTTCTGATGCT
 TCTGGGCGAGCTGGGTGTGTTGCCTCCTACGCCTTCGCGCCGCTGTCATCATCGTGCC
 CCTCAGCGCAGTTTCTGTGATAGCTAGTGCCATCATAGGAATCATATTCATCAAGAAAA
 GTGGAACCCGAAAGACTTTCTGAGGCGCTACGTCTTGCTTTGTTGGCTGCGGTTTGGC
 TGTCTGGGTACCTACCTGCTGGTGACATTGCAACCAACAGTCACGAGAAGATGACAGG
 CGAGAATGTCAACAGGCACCTCGTGAGCTGGCCTTTCTTTTGTACATGCTGGTGGAGAT
 CATTCTGTTTCTGCTTGCTGCTACTTCTACAAGGAGAAGAACGCCAACACATTGTGCT
 GATTCTTCTTGGTGGCGTTACTTGTCTTGCTCTGTACCCAGGCTGGAGTGCAGTGGT
 ACAATCTTAGCTCTCTGCAGCCTTGACCTCCTGGCCTCAAGTGATCCCTGCTCGGCC
 TCCCAAAGTGCCAGGATTACAGGCATGAGGCCCTGTACCTGGCTAGAACTGCATATAATT
 TTATAGCTAAATAGAGCTGTGGGAATCCATCCTTCTGAGGAGAAGCAGACAGAGGCGG
 AGGAGCAGGCTGGTGTCAGGGCTGGTGAAGCCTGCTACCGCGCTGCTTTGAGTGGCCTC
 AGGCTAATGACCTCCCTCCTTAAGCCACGCTGTCCACTTCTCTAAAGGGGGGCTATG
 AGAACATCCAAGTCACGGAAGGGAGTGGGGGTTAAATGAGATGTGCACAGGTGGCTAATA
 TGTGCATTTTTCTTCAACCTTCTACTGTGTGCCCTACCACCGCCACAAGCCATCAACC
 AAATAGATACCTGTACCGAAGACAGGGTTTCTTAATTTTTTAACAGCTCTGTTGAGAT
 ATAATTTACATACCATAAAGTTACCTGTTTAAAGTATACAATTCAGTGGTTTTAGTAT
 TTCATAGAGTTGTGAAACCATCATCCTAATCTAATTTTAGAACATTTTGTACACCCCAAA
 AGAAACCTGTGCCATTAGCAGTCACTCCCTGTTCCCTTTTCCAGCCTCAGGCAACC
 ACTAAGCTACCTTCTGTCCCTGTAGATTTGCCCTTTTGAACACCTTCATAAATAAAGTCG
 TATGCTTTGTGGCTGAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC001265 unedited
 NGGTAGCGTCAAATTTGTATACGACTCATATAGGCGGCCGCGATTCCCGGGATATCGTC
 GACCCACGCGTCCGGGATGAAGGAGGCTGTGCCTCCGGTTGCACGAAGAGTCCGAGTCA
 TTTCTCAGAAGTTTTGATAGGTGGCCTTAGAGGAGACGCCGCCGAGCACCACAAGAAC
 TGGAAAACACACCCTCTCTGTCTGCCTGGGAGAGCCACGGAATTGGCACTTCTCTGAG
 TGAAGCTGAGGAGAAGGCTGTAATCTGCCAAAACAGCCTTGAAGTATTCTTTTGTATG
 AGGAAGTGACGGCTGTGGAGGGAGGTGAACACCACAAGGAGAGATGGCATCTGGCCTGG
 GCCCGCCTAGCAGCAGCTCCACCTCCTAGGCCAGGCCCTGTGGGATGCGCCACTAGACC
 ACCATGGACGGATCCACAGCGCAGCCCTGAAGCTGCAGCAGCTGCCTCCCAAGTAGC
 TCCAGCGCCGTAAGCGAGGCCTCCTTCTCTACAAGGAAAACCTGATTGGCGCCCTTTG
 GCGATCTTCGGGCACCTCGTGGTCAGCATTGCACTTAACCTCCAGAAGTACTGCCACATC
 CGCCTGGCAGGCTCCAAGGATCCCGGGCCTATTTCAAGACCAAGACATGGTGGCTGGGC
 CTGTTCTGATGCTTCTGGGCGAGCTGGGTGTGTTGCCTCCTACGCCTTCGCGCCGCTG
 TCACTCATCGTGCNCTCAGCGCAGTTTCTGTGATAGCTAGTGCCATCATAGGAATCATA
 TTCATCAGGGAAAAGTGGGAACCGAAAGACTTTCTGAAGCGCTACGCTCTGCTTTTGT
 GGCTGCGGTTTTGGCTGTCTGGGTAC

Restriction Sites: Please inquire

ACCN: BC001265

Insert Size: 1777 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:	BC001265.1 , AAH01265.1
RefSeq Size:	1777 bp
RefSeq ORF:	678 bp
Locus ID:	57185
Cytogenetics:	1p36.11
Protein Families:	Transmembrane