

Product datasheet for **RN204665**

Epha1 (NM_001107858) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epha1 (NM_001107858) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epha1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204665 representing NM_001107858
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCGGGCTGGCCCTGGGGCTCGCACTGCTGCTGCTGCTGCTGCGCCCCGCTGCCCCCGGGG
 CGCGCGCGAGGAAGTCACTTTAATGGACACGAGCACAGCACAAGGAGAGTTGGGCTGGCTTCTGGATCC
 CCCAGAGACTGGGTGGAGTGAGGTGCAACAAATGCTGAACGGGACACCCCTGTACATGTACCAAGACTGC
 CCAATACAGGAAGGTGGAGATACTGACCACTGGCTTCGCTCCAACCTGGATCTACCGAGGAGAGGAAGCT
 CACGTGTCCACGTAGAGCTGCAGTTCAGTGTGCGGGACTGTAAAAGTTTCCCAGGGGGAGCTGGGCCTCT
 GGGATGCAAAAGACCTTCAACCTTTTCTACATGGAGAGTGACCAGGATGTGGGCATTCAACTCCGACGG
 CCTTTGTTCCAAAAGGTAACTGTGGCAGCAGACCAGAGCTTACCATCAGAGACCTGGCCTCTGGCT
 CTGTAAGCTGAACGTAGAGCACTGCTCCTTGGGTACCTCACCCGCGTGGTCTCTACCTAGCTTTCCA
 CAACCCGGGATCCTGTGTGGCGCTCGTATCTGTAAGGGTGTCTACCAGCGCTGCGCAGAGACTGTGCAT
 GGCTTGGCCCACTTCCCTCACACTCTCCCTGGACCTACAGGGTGGTAGAAGTAGCTGGAACCTGCCTCT
 CCCATGCACAGATCAGCCTGGGGTCTCAGGTACACCACGCATGCATTGCAGCCCTGATGGCGAGTGGTT
 GGTGCCTGTGGGTGAGTCCAGTGCAGCCTGGCTATGAGGAAAGCGGTGGAAGTGTGGGATGCACTGCC
 TGTCTACTGGTTTCTATCGAATGGACATGAATACTCTCCACTGTCTCAAGTGCSCCAACATAGCGTAG
 CAGAGTCTGAGGGTCTACCATCTGTACCTGTGAGAATGGACATTATCGAGCCCTGGGGAGGGCCCCCA
 GGTAGCATGCACGCGTCCCCATCAGCTCCCCAAAATCTGAGCTTCTCTGCATCAGGCACTCAGCTCTCC
 CTACGCTGGGAGCCCCAAGAGATACAGGGGACGCCAAGATATCAGATACAGTGTGGAATGCTTGCAGT
 GTCGGGGCAATGCACAGGATGGGGTCCCTGCCAACCTGTGGAAAAGGTGTGCATTTTCCCCGGACGC
 TTCCGGGCTCACCGCATCTACTGTGCAAGTTGAAGGCCCTCGAGCCTTATGCCAACTACAGTTTACCATC
 AAATCCAGAACAGAGTGTGGGACTGGACAGTTCAGCCCTAGCAGCGCTTCTCTCAGTATCAACATGG
 GGCAAGCAGAGTCACTCTCTGGCCTGTCACTGAAGCTGGTGAAGAAAAGAGCCGAGGCAGCTGGAGCTGAC
 TTGGGCAGGGTCCCGACTCCAAAACCTGGGGGAATCTGAGCTATGAGCTGCACGTGCTGAACCAGGAT
 GAAGAATGGCACCAAATGGTGTGGAACCCAGGGTCTTGTGACAAAACCTCAGCCAGATACCACATACA
 TTGTGAGAGTACGAACACTGACCCCACTGGGGCTGGCCCTTCTCCCTGACCATGAGTCCGGACAAG
 CCCACCAGTTTCCAGAAGCCTGACTGGAGGAGAGATTGTGCCATCATCTTGGATTGCTGCTTGAATA
 GCTCTGCTGATCGGGATTTATGTCTTCCGTTCAAGGAGAGGCCAGCGACAGAGACAGCAGAGGCAGCGTG
 AACGCACCACCAATGTGCATCGAGAGGACAAGCTGTGGCTAAAACCTATGTGGACCTCCAGGCCTATGA
 GGACCCTGCACAGGGAGCCTTAGACTTTGCCAGGAACCTGGACCCTGCCTGGCTGATTGTGGACACTGTC
 ATAGGAGAAGGGGAGTTTGGGAAGTGTATCGGGGAGCCCTGAGAATCCCAGCCAAGACTGCAAGACCG
 TGGCCATTAAGACCTTGAAGACACATCCCAGATGGCTACTGGTGGAAATTCCTTCGAGAAGCAACTAT
 CATGGGCCAGTTCAACCACCCACACATCTACGCCTAGAAGGTGTATCACGAAAAGAAAGCCGATCATG
 ATCATCACAGAATTTATGGAAAATGGAGCCCTTGATGCCTTCTGAAGGAACGGGAGGACCAGCTAGTTC
 CTGGTCAGCTAGTGGCTATGCTTCTGGGCATAGCATCAGGCATGAACTACCTCAGTGGCCACAATATGT
 CCATAGAGACCTGGCTGCCAGGAACATTTGGTGAATCAGAACTTGTGCTGCAAGGTATCTGACTTTGGC
 CTGACCCGCCTCCTGGATGACTTCGATGGCACCTATGAAACCCAGGGAGGAAAGATCCCTATCCGTTGGA
 CAGCCCCAGAAGCTATTGCCATCGGATCTTACCACAGCCAGTGTGTTGGAGCTTTGGGATTGTAAT
 GTGGGAGGTGTTGAGTTTGGCGACAAACCTATGGGAGATGAGCAATCAAGAGGTAATGAAAAGCATT
 GAGGATGGGTACCGGCTGCCCTCCTGTGGATTGCTCCTGCCCTGTATGAACTCATGAAAGACTGCT
 GGGCTTACGACCGTGCCTCGGCCCACTTCTCCAGCTGCAGGCACATCTGGAACAGCTGCTCACGGA
 CCCCCATTCCCTAAGGACAATTGCCAATTTGACCCTAGGGTACCCTACGTCTGCCAGCCTGAGTGGC
 TCTGATGGGATCCCTTATCGAAGTGTCTCTGAGTGGCTTGAATCCATACGCATGAAGCGCTACATCTGC
 ACTTCCGCTCGGACGGCCTGGACACCATGGAGTGTGTGCTGGAGCTGACAGCCGAGGACCTGACGCAGAT
 GGAATCACATTGCCAGGGCACCAGAAGCGCATTCTCTGCAGTATTCAAGGATTTAAGGACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-RsrII
ACCN:	NM_001107858
Insert Size:	2934 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:	<ol style="list-style-type: none">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_001107858.1</u> , <u>NP_001101328.1</u>
RefSeq Size:	3248 bp
RefSeq ORF:	2934 bp
Locus ID:	312279
Cytogenetics:	4q24