

Product datasheet for **RN210153**

Epha3 (NM_031564) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epha3 (NM_031564) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epha3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN210153 representing NM_031564
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTGTCACCTCTCCATCCTCATCCTGTTGCGCTGCTGCGTCTCAGCTGCTCCAGGAACTGAGTC
 CACAGCCTTCCAACGAAGTTAATCTACTAGATTCAAAAACGATTCAAGGAGAGCTGGGCTGGATCTCCTA
 CCCATCCACGGGTGGGAAGAGATCAGTGGTGTGATGAGCATTACACACCAATCAGGACTTACCAGGTA
 TGCAATGTCATGGATCACAGCCAAAATAATTGGCTGAGGACAACTGGGTGCCGAGAACTCAGCTCAGA
 AGATCTATGTGGAGCTAAAGTTCACACTGCGGGACTGTAACAGCATTCCATTGGTTTTGGGGACTTGCAA
 GGAGACCTTTAACCTGTACTACATGGAGTCTGATGATGATCACGGTGTCAAATTCCTAGAGCATCAGTTT
 ACAAAGATTGACACCATTGCCGCTGATGAAAGTTTCACTCAAATGGATCTCGGGGACCGCATTCTAAAAC
 TCAACTGAGATTAGAGAAGTGGGACCAGTCAATAAAAAGGGTTTTATTTGGCCTTCAAGATGTTGG
 TGCTTGTGTTGCCTTGGTGTCTGTGAGAGTGTACTTCAAAAAGTCCCATTTACAGTGAAGAATCTGGCT
 ATGTTTCCAGACACAGTCCCATGGACTCCCAGTCTTGGTGGAGTTAGGGGCTTGTGTCAATAATT
 CCAAGGAGGAGGACCCTCCAGGATGACTGCAGTACAGAAGGTGAATGGCTGGTCCCATTGGCAAGTG
 CACCTGCAATGCTGGGTATGAAGAACGAGGGTTCATATGCCAAGCTTGTGCGCCAGGCTTCTACAAGCT
 TTGGATGGTGTGCCAAGTGTACTAAGTCCCACCACACAGCTCAACCCAAGAAGATGGTTCAATGAACT
 GCAGGTGTGAGAATAATTATTTCCGGGCAGAAAAAGACCTCCATCCATGGCTTGTACCCGACCTCCATC
 CGCACCAAGAAATGTTATCTCTAACATAAATGAGACCTCGGTTATCCTGGACTGGAGCTGGCCCCGGAC
 ACAGGAGGCCGGAAGGATATTACCTTCAACATCATATGAAAAATGTGGGTGGAATGTCAGGCAGTGCC
 AGCCATGCAGCCCAACGTCGCTTCCCTCCCTGTCAGTGGACTCACCACACCAGGATGACAGCTGAGCTCG
 AGACCTCCTGGCACATACTAATACACCTTTGAGATTGATGCCATTAATGGAGTGTGAGAGCTGAGCTCG
 CCACCGAGACAGTTTGGCGCCGTCAGCATCACAATAATCAGGCTGCTCCATCACCAGTTATGACAATTA
 AGAAAGATCGGACTTCCAGAAACAGTATCTCTTTATCTTGGCAAGAACCAGAACATCCAATGGAATTAT
 ACTTGACTACGAGGTCAAATACTATGAAAAGCAGGAGCAAGAGACGAGTTATACCATTTTGGGGCAAGA
 GGCACAAATGTTACTATCAGTAGCCTCAAGCCAGATACTACTTACGTATTCCAAATCCGAGCTCGAACAG
 CAGCAGGATACGGAACCAACAGCCGCAATTTGAATTTGAAAATAGTCCAGACTCCTTCTCCATCTCTGG
 TGAGAACAGTCATGGTGTGATGATTGCGATTTGAGTGTGTCGATCATTGTCCTCACTGTTGTCACC
 TACGTTTTGGTGGGAGATTTTGTGGCTATCACAAGTCAAAACACAGTTCAGATGAGAAGCGCCTTCACT
 TTGGGAATGGGCACTTAAGACTTCCAGGCTCAGGACATATGTTGATCCACATACGTATGAAGACCTTAC
 ACAAGCAGTTCATGAGTTTGCAGAAAGATTGGATGCCACCAACATAGCCATCGACAAAGTTGTTGGAGCA
 GGTGAATTTGGAGAAGTTTGCAGTGGTTCGCTTAAAGCTTCTTCAAAAAAGAGATTTCACTGGCTATCA
 AGACCCTGAAAGTGGGCTACACGGAGAAGCAGAGGAGAGACTTTCTAGGAGAAGCAAGCATCATGGGACA
 GTTTGACCACCCCAACATCATCCGACTGGAAGGAGTTGCTACTAAAAGTAAGCCAGTGTGATTGTCACA
 GAATACATGGAGAATGGCTCCCTGGACAGTTTCTTACGTAACATGATGCCAGTTTACAGTCATCCAGC
 TCGTGGGAATGCTCCGTGGGATAGCATCTGGTATGAAGTACCTCTCAGATATGGGCTATGTCCACCGCA
 CCTTGCTGCTCGAAACATCTTGATCAACAGTAACCTGGTGTGCAAAGTCTGACTTCGGACTTTCTCGA
 GTGTTGGAAGATGACCCTGAAGCTGCTTACACCACAGAGGAGGAAAGATACCAGTAAGGTGGACATCAC
 CAGAAGCAACTGCCTACCGCAAGTTCACATCAGCCAGCGATGATGGAGTTACGGGATTGACTCTGGGA
 AGTGATGTCTTACGGAGAAAGCCGATTTGGGAGATGTCCAATCAGGATGTTATTAAGGCCGTGGATGAG
 GTTTATCGCTGCCACTTCCATGGACTGCCAGCTGCCCTGTATCAGTTGATGTTGGACTGCTGGCAGA
 AAGACAGGAACAACAGACCCAAAGTTTGGAGAGATCGTCAGCATTCTGGACAAGCTCATCCGGAATCCAGG
 CAGTCTGAAGATCATACAAGCGCGCTGCAAGGCCATCAAACCTTCTTGGACCAAGCAATGTCGAT
 ATTGCTACGTTCCACACAACAGGTGATTGGCTTAAAGGTATGAGGACAGCACACTGTAAGGAAATCTTCA
 CGGGTGTGGAGTACAGCTCCTGTGACACCATTGCCAAGATCTCCACAGATGACATGAAAAAGTTGGTGT
 TACTGTGTTGGGCCACAGAAGAAGATCATCAGTTCATTAAAGCTCTAGAAACACAATCTAAGAATGTT
 CCAGTTCCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031564
Insert Size:	2955 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_031564.1</u> , <u>NP_113752.1</u>
RefSeq Size:	3077 bp
RefSeq ORF:	2955 bp
Locus ID:	29210
UniProt ID:	<u>O08680</u>
Cytogenetics:	11p12
Gene Summary:	receptor tyrosine kinase; binds members of the ephrin-A family, ephrin-A2, -A3, -A4 and -A5 [RGD, Feb 2006]