

Product datasheet for RN200712

Epha10 (NM_001135709) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Epha10 (NM_001135709) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Epha10
 Synonyms: RGD1562679
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN200712 representing NM_001135709
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGACTGGCGCCGGTCCACACCCGCTGCGCCTGTTTCGTCGCTGATGCCACTCTGTCTTGCTCTGC
 TTCTGGGACCCGGGCGGCTGGGACCGCCGAGGAAGTTACCTCCTGGACTCCAAAGCCTCTCAGGCTGA
 GCTGGGCTGGACTGCACTGCCAAGCACTGGGTGGGAGGAGATTAGTGGCGTGGATGAACATGATCGTCCC
 ATCCGCACGTACCAAGTGTGCAACGTGTTGGAGCCCAACCAGGACAACCTGGCTTCAGACTGGCTGGATCA
 GCCGTGGCCGTGGGCAGCGCATCTTCGTGGAGCTGCAGTTCACGCTGCGTGACTGCAGCAGCATACTGG
 AGCCACTGGCACCTGCAAAGAGACCTTCAACGCATACTACCTGGAAACCGAGGCCGACTTAGGCCGAGGA
 CATCCCCACCTAGGAGGCAACCGACCCGCAAGATTGACACCATCGCAGCTGATGAGAGCTTCACGCAGG
 GCGACTTGGGGGAGCGAAAGATGAAGCTGAACACAGAGGTGCGTGAGATTGGCCCCCTCAGCCGTCAAGG
 CTTCCACCTGGCCTTCCAGGACGTGGGTGCATGCGTGGCGTTGGTCTCAGTGCCTGTCTACTACAAGCAG
 TGCCGTGCCACAGTGCGAGGCTTGGCAGCCTTCCCGCCACCGCAGCTGAGAGCGCCTTCCACGCTGG
 TGAAGTGGCTGGAACGTGCGTGGCCACTCGGAAGGGGAGCCACGAGCCCTCCACGATGCATGTGG
 CGCGGATGGCGAGTGGCTGGTGCCTGTGGGCCGTTGCAGCTGCAGTGCAGGATTCCAGGAACGTGGTGAC
 ATCTGCGAAGCCTGTCCCCAGGTTTTTACAAGGTGTCCCAAGCGGCCCTCTGCTCACCTGCCCGG
 AGCACAGCTTGGCCCTGGAGAATGCCTCTACATTCTGTGTGCCAGGACACCTATGCTCGCTCGCCAC
 CGACCCGCCCTCAGCTTCTGCACTCGGCCGCGTCCGCGCCGCGGACCTGCAGTACAGCCTGAGCCGT
 TCCCCGCTGGCGCTGCGCTGCGCTGGCTGCCGCTGAGGACTCCGGTGGCCGCTCCGACGTCACTACT
 CGCTGCTGTGCCTGCGCTGCGGGCGGACGGTCCGGCGGGCGCGTGCCAACCTGCGGGCCGCGCGTGGC
 CTTTCGTCGCGCCAGGCTGGGCTACGGGAACGCGCCGACGCTACTGCACCTGCGGCCGGCGCGCGC
 TACACCGTGCCTGCGCGCTCAACGCGCTCTCGGGCCGCGCGCTGCCGCGGGAGCCACTTATGCGC
 AGGTACCGTGTCCACCGGACCCGGGGACCCCTGGGAGGAGGATGAAATCCGTAGGACCGCGTGGAGCC
 CCAGAGCGTGTGCTGCTGCTGGAGAGAGCTGTCCCTGCTGGAGCTTCCGGAACCAACAGGACTGAGTAT
 GAGATCCGCTACTACGAGAAGGGTTTGGGGACAGGTTCCAGTCTTGGTTCACCTGGGTTACCCCTTG



CTACACAAGTCGGAGGTCAGCCCAGGCTACGTGATTCTCCATTTCAAACCGAAACCAAAACCTCACAAA
 ATCCTGGGAAACCAACCCAGCTACCTGGACTCTTGCCTCCTCCCAGAGCTGGGCTGCATTGCCCTGGG
 TCCAGAGACCAGAGCCCAGCAGTGGTTGTCACTGTGGTGACCATCTCAGCCCTCTTGGTCTGGGCTCCG
 TGATGAGTGTACTGGCCATCTGGAGGAGCCCTGTGATGGCAAAGGAAGTGGCAACGCCCATGATGAAGA
 GGAAGTGTATTTCCACTTCAAAGTTCGACACGCCGCACGTTTCTGGACCCCAAGCTGCGGGGACCCG
 TTGCAGGCTGTGCATTTGTTTGCCAAAGAGCTAGATGCCAAAAGCGTCACCCTGGAGAAGAGCTTGGGAG
 CAGGCCGATTTGGGGACCTGTGCTGCGGCTGCCTGCAGCTGCCGGGTCCGAGGAACCTACCCGTGGCCGT
 GCACACTCTGAGGGAGGGTTGCTCAGACTCCAGAAGCTCAGTTCTGGCTGAGGCCCTCACCCCTGGGA
 CAGTTTGACCACAGCCACATCGTGCGGCTGGAAGGCGTGGTCACCCGAGGGAACCCCTTGATGATTGTCA
 CCGAGTACATGAACCTCGGGGCCCTAGATGACTTCTCAGGCATCACGAGGCAGAGCTGGTACTGCGCA
 GCTGATGGGTCTGCTGCCGGGCTGGCATCGGCCATGAAGTATCTGTGCGAAATGGGCTATGTCCACCGG
 GGCCTCGCGGCCCGGAGTGCTCCTCAGCAGTGGCCTCATCTGTAAGATCTCTGGCTTTGGCGGGGTC
 CCCGGGACCGAGCGGAAGCTGTACACCACCATGAGTGGCAGGAGCCAGCGCTCTGGGCAGCTCTGA
 GACTCTACAGTTTGGCCACTTCACTCTGCCAGTGACGTGTGGAGCTTTGGCATTGTATGTGGGAAGTG
 ATGGCCTTTGGGAGCGCCCTACTGGGACATGTCTGGACAAGATGTAATCAAGGCCGTGGAGGATGGTT
 TCCGGCTGCCACCCCAAGAACTGTCCCTCCCAGCTGCACCGATTGATGCTTGGTGTGGCAGAAAGA
 CCCAGGTGAGCGGCCAGGTTCTCCAGATCCACAGCATCCTGAGCAAGATGGGGCAGGAGCCAGAACCC
 TCCAAGTGTGCCTCGACCACCTGTCTCAGGCCTCCCACCCACTGGCAGACCGTGCCCTTTCTGCCTTCC
 CCTCCTTTGGCTCCGTGGGTGCCTGGCTGGAGGCCCTAGACTTGTGTCGTAACAAGGACAACCTTCTCTGC
 AGCCGGCTATGGGAGCCTGGAGGCCGTGACAGAGATGACTGCCAGGACCTGGGGAGCCTTGGGATCTCT
 TCTGCGGAGCATCGAGAGGCCCTCCTTAGTGGGATCAGTGCCTCGAGACTCGAGTGCTACAACCTACAGG
 GTCAGGGGGTCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135709

Insert Size: 3030 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_001135709.1, NP_001129181.1

RefSeq Size: 3782 bp

RefSeq ORF: 3030 bp

Locus ID: 298528

Cytogenetics: 5q36