

Product datasheet for **MC212893**

Epha10 (NM_177671) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Epha10 (NM_177671) Mouse Untagged Clone
Tag: Tag Free
Symbol: Epha10
Synonyms: A330090H18
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212893 representing NM_177671
Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGACTGGCGCCGGTCCACACCCGCTGCGCCTGTTTCGTCGCTGATACCACTCTGCCTTGCTCTGC
TTCTGGGACCTGGGCGCCCCGGGACCGCCGAAGAAGTTATCTCTGGACTCCAAAGCCTCCAGGCTGA
GCTGGGCTGGACTGCACTGCCAAGCACTGGGTGGGAGGAGATTAGTGGCGTGGATGAACACGACCGTCCC
ATCCGCACGTACCAAGTGTCAACGTGCTGGAGCCCAACCAGGACAACCTGGCTTCAGACAGGCTGGATCA
GCCGCGCGCGGGCAGCGCATCTTCGTGGAGCTGCAGTTCACACTGCGCGACTGCAGTAGCATAACCAGG
TGCCACGGGCACCTGCAAAGAGACCTTCAACGCATACTACCTAGAAACCGAGACCGACCTGGGCCGAGGG
CGTCCCCGCCTAGGAGGCAACCGACCCCGCAAGATTGACACCATCGCAGCTGATGAGAGCTTCACGCAGG
GTGACCTGGGGGAGCGAAAGATGAAGCTGAACACAGAGGTGCGTGAGATCGGCCCCCTCAGCCGGCAAGG
CTTCCACCTGGCCTTCCAGGACGTGGGTGCGTGCGTGGCGTTGGTCTCGGTGCGTGTCTACTACAAGCAG
TGCCGCGCCACAGTGGGGGCTGGCAGCCTTCCCCGCCACCGCAGCTGAGAGCGCCTTCTCCACGCTGG
TGAAGTGGCTGGAACGTGCGTGGCCACTCGGAAGGGGAGCCAGCAGCCCTCCCCGCATGCACTGTGG
TGCCGATGGCGAGTGGCTGGTGCCTGTGGGCCGTTGCAGCTGCAGTGCAGGATTCAGGAACATGGTGAC
ATCTGTGAAGGTATCCAGGGCCCCAGAGGGATGGGATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177671
Insert Size: 879 bp



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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:	BC116991 , AAI16992
RefSeq Size:	950 bp
RefSeq ORF:	879 bp
Locus ID:	230735
UniProt ID:	Q8BYG9
Cytogenetics:	4 D2.2
Gene Summary:	<p>Receptor for members of the ephrin-A family. Binds to EFNA3, EFNA4 and EFNA5 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several exons and its transcription extends past a splice site that is used in variant 1, resulting in a novel 3' coding region and 3' UTR compared to variant 1. It encodes isoform 2 which is shorter and has a distinct C-terminus, compared to isoform 1.</p>