

## Product datasheet for MC223680

### Epha6 (NM\_007938) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Epha6 (NM\_007938) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Epha6  
**Synonyms:** Ehk2; Hek12; m-ehk2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223680 representing NM\_007938  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGCAATCCCCTCGCCTCCAGCCGCCAGGAGCTCCCCGGCGGCGCAGGCAGCATCGTCCCCGAAGCAG  
 CTGCTCCAGCACCTGGGAGCCTGGACCCTCGTGCCCTGCGCACCGGGCCTCGCGGGGGGGCGCCCGG  
 GACTTCCCCTGCGGACCGGGTGGAGGAGGAAGAGGAGGAGGAGGAAGAAGAAGAGAGCTTGGTTCAGGAC  
 CCCACGCTACTAGGAACACCTGGCTGCGCTGCTGCCACTTCTTTTAAAGGAGGAGAAGACAACCA  
 GAGCCATGGGGGCTGCGAAGTCCGGGAATTTCTTTTGCAATTTGGTTTCTTTGCCCTGCTAACGGC  
 TTGGACCGGCGACTGCAGTCACTCTCCAACCAAGTTGTGTTGCTTGATACAACCACAGTGATGGGAGAA  
 CTAGGATGGAAAACATATCCATTAATGGGTGGGATGCCACTGAAATGGATGAACACAATAGGCCCA  
 TACATACATACCAGGTATGCAATGTCATGGAACCAACCAGAACAACCTGGCTTCTACTAACTGGATCTC  
 TCGTGATGCTGCACAGAAAATTTATGTGGAATGAAGTTCACACTGAGGGATTGTAAACAGCATCCCATGG  
 GTCTTGGGGACTTGTAAGAAACCTTTAACCTGTATTATAGAATCCGATGAATCCCATGGGACAAAAT  
 TCAAGCCAAGCCAATATATAAGATCGACACAATTGCTGCTGATGAGAGTTTTACTCAGATGGATTTGGG  
 TGACCGCATCCTTAAACTCAACTGAAATCCGTGAGGTGGGGCCTATAGAAAGGAAAGGATTTTATTTG  
 GCTTTTCAAGATATTGGAGCATGCATCGCTCTGCTCAGTCCGAGTTTTCTACAAAAAATGCCCTTCA  
 CCGTGCGGAACCTGGCTATGTTTCTGATACCATCCAAGGGTTGATTCTTCTCTTTGGTTGAAGTGCG  
 GGGCTCATGTGTAAGAGTGCTGAGGAGCGAGATACTCCTAAACTCTACTGTGGAGCTGATGGGATTGG  
 CTTGTTCTCTTGGAAAGGTGATCTGCAGTACAGGGTATGAAGAAATCGAGGGTTCTTGCCATGCTTGCA  
 GACCAGGATTCTACAAGCATTGCTGGGAACACAAAATGTTCCAATGCCCTCCACACAGCTCAACCTA  
 CGTGAAGCAACGTCAGTCTGTCATTGTGAAAAGGGTTACTTCCGGGCAGAAAAAGACCCACCTTCTATG  
 GCATGCACTAGACCACCTCAGCTCCTAGAAATGTGGCTTTTAAACATCAATGAAACAGCCCTTATTTTGG  
 AATGGAGCCACCCAGTGACACAGGAGGAGAAAAGATCTCACATACAGTGAATCTGTAAGAAATGTGG  
 TTTAGACTACTACCAGTGTGAGGACTGTGGTGGAGGACTCCGCTTTCATCCCAAGACACACTGGACTGATC  
 AACAAATCTGTGGTAGTACTGGACTTTGTGTCTCACGTCATTAACCTTGAATAGAGCCATGAATG



GAGTTTCTGAGTTGAGCATCTCTCCAAGCCATTACAGCTATTACAGTGACTACAGATCACGATGCACC  
 TTCTCTGATTGGTATGATGAGAAAGGACTGGGCATCTCAGAACAGCCTTGCTCTATCGTGCCAAGCACCT  
 GCATTTTCCAATGGAGCTATTCTGGACTATGAGATCAAGTACTACGAGAAAGAGCATGAGCAGCTCACCT  
 ATTCCTCCACGAGGTCCAAGGCCCAAGCGTCATCGTCACGGGCTCAAGCCCGCCACCAGTACATATT  
 TCACATCCGAGTGAGGACGGCGACAGGCTACAGTGGCTACAGTCAAGTTTGAATTTGAAACAGGAGAT  
 GAAACTTCTGACATGGCGGCAGAAACAAGGGCAGATTCTGGTCATAGCCACTGCAGCCGTCGGGGATTCA  
 CTCTCTTAGTCACCTCACCCGTGTTCTTCTCTCACTGGGAGGTGTCAATGGTACATAAAGGCCAAAAT  
 GAAGTCAGAAGAGAAGAGAAGAAGTCACTTACAGAACGGCCACCTGCGCTTCCCGGGAATTAACATAC  
 ATTGATCCAGACACCTATGAAGACCCATCCCTAGCAGTCCACGAATTTGCAAAAGAGATTGATCCTTCAA  
 GAATTCGCATTGAGAGAGTGATTGGAGCAGGTGAATTTGGAGAAGTCTGCAGTGGGCGTTTGAAGACACC  
 AGGGAAAAGGAGATCCCAGTTGCAATTAACATTGAAAGGTGGCCACATGGACCGACAAGAAGAGAT  
 TTTCTAAGAGAAGCTAGCATCATGGTCAAGTTGACCACCCAAACATCATTGCGCTAGAAGGTGTTGTCA  
 CTAAGATCCTTCCCGGCGATTGGGGTGAAGCCTTCTGCCCCAGCTTCTAAGGGCTGGGTTTTTAA  
 TGGCATCAAGCGCCACATCCAGTGACTGCAGGAGGCTCTCTGCCCCAGGATTCTGCAGGTCGGCCA  
 GTAATGATCGTAGAGTATATGGAGAATGGATCACTGGACTCCTTTTTGCGGAAGCATGATGGCCACT  
 TCACCGTCATCCAGTTGGTCGGCATGCTGAGGGGCATCGCGTCAGGCATGAAGTATCTTTCTGACATGGG  
 ATATGTTTCATCGAGATCTTGCCGCGAGGAACATACTGGTGAACAGCAACTTAGTATGCAAGGTCTCTGAT  
 TTTGGTCTCTCCGAGTCTGGAAGATGATCCAGAAGCAGCTTATACAACAACGGGAGGGAAAATCCCTA  
 TACGGTGGACAGCCCCAGAAGCTATTGCTTACAGAAAGTTCTCTCAGCCAGTGACGCGTGGAGCTACGG  
 GATTGTTCATGTGGGAGGTGATGTCCTATGGAGAGAGACCGTACTGGGAAATGTCCAACAGGATGTTATC  
 TTGTCCATTGAAGAAGGTTACCGACTTCTGCTCCGATGGGCTGCCACCGTCTCTGCACCAGCTGATGC  
 TCCACTGCTGGCAGAAGGAGAGAAACCACAGGCCAAAATCACTGACATCGTCAGCTTCTTGACAACT  
 GATCCGCAACCCAGTGCCCTTACACGCTGGTGGAGGACATCCTTGAATGCCAGAATCCCCTGGTGAT  
 GTTCTGAATATCCATTGTTTGTACAGTAGGTGACTGGCTGGATTCTATAAAGATGGGGCAATACAAGA  
 GTAACCTCATGGCAGCGGTTTTACAACGTTTGTCTGATTTTACGAATGAGCATCGATGATATTAGGCG  
 AATTGGAGTATTCTCATTGGACATCAGAGACGAATAGTCAGCAGCATACAACTTTACGTTTACATATG  
 ATGCACATACAGGAAAAAGGATTTTCATGTGA

ACGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
 TTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-NotI
- ACCN:** NM\_007938
- Insert Size:** 3393 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\\_007938.2](#), [NP\\_031964.2](#)  
RefSeq Size: 4213 bp  
RefSeq ORF: 3393 bp  
Locus ID: 13840  
Cytogenetics: 16 C1.3