

Product datasheet for MC222939

Epha3 (NM_010140) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epha3 (NM_010140) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Epha3
Synonyms:	AW492086; Cek4; End3; ETK1; Hek; Hek4; Mek4; Tyro4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222939 representing NM_010140 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATTGTCACCTCTCCATCCTCGTCCTGCTCGGCTGCTGCGTCTCAGCTGCTCCGGAGAACTGAGCC
CACAGCCTTCCAACGAAGTTAATCTACTAGATTCGAAAACAATTC AAGGAGAGCTGGGCTGGATCTCCTA
CCCATCCCATGGGTGGGAAGAGATCAGTGGTGTGATGAACATTACACACCAATCAGGACTTACCAGGTG
TGCAATGTCATGGATCACAGCCAAAATAATTGGCTGAGGACAACTGGGTACCCAGAACTCAGCTCAGA
AGATCTATGTGGAGCTAAAGTTCACACTGCGGGACTGTAACAGCATTCCATTGGTTTTGGGGACTTGCAA
GGAGACCTTTAACCTGTACTACATGGAGTCTGATGATGATCATGGCGTCAAATCCGAGAGCATCAGTTC
ACGAAGATTGACACCATTGCCGCTGATGAAAGTTTCACTCAGATGGATCTCGGGGATCGCATTCTGAAAC
TCAACTGAGATTAGAGAAGTGGGACCACTCAACAAAAAGGGTTTTATTTGGCCTTTCAAGATGTTGG
TGCTTGTGTTGCCTTGGTGTCTGTGAGAGTGTACTTCAAAAAGTGCCCGTTTACAGTGAAGAATCTGGCT
ATGTTTCCAGACACAGTGCCCATGGACTCCCAGTCTTGGTGGAGGTTAGGGGCTCTGTGTCAATAATT
CCAAAGAGGAGGACCCCTCCAGGATGTACTGCAGCACAGAAGGGGAATGGCTGGTCCCATTGGCAAATG
CACTTGAATGCTGGGTATGAAGAACGAGGTTTCATATGCCAAGCTTGTGACCAAGGCTTCTACAAGGCT
TCCGATGGTGTGCTAAGTGTGCTAAGTGCCACCACACAGCTCAACACAAGAAGATGGTTCAATGAAT
GCAGGTGTGAGAATAATTATTTCCGGGCAGAAAAGACCCTCCATCCATGGCTTGTACCCGACCTCCATC
CGACCAAGAAATGTTATCTCAAACATAAACGAGACCTCGGTTATCCTGGACTGGAGTTGGCCCTGGAC
ACAGGAGGCCGGAAGGATATTACCTTCAACATCATATGTA AAAAGTGTGGGTGGAATGTCAGGCAGTGTG
AGCCGTGCAGCCCAACGTCCGCTTCTTCTCGGCAGCTTGGACTCACCAACACCACGGTGACAGTGAC
AGACCTCTAGCTCACACCAACTACACCTTTGAGATCGATGCTGTTAATGGGGTGTGAGAGCTGAGCTCG
CCACCGAGACAGTATGCCGAGTCAGCATCACAATAATCAGGCTGCTCCATCACCAGTTATGACAATTA
AGAAAGATCGGACTTCCAGAAACAGTATCTTTTATCTTGCAAGAACCAGAACATCCAATGGAATTAT
CCTGGACTATGAGGTCAAATACTATGAAAAGCAGGAGCAAGAGACGAGTTATACCATTTGAGAGCAAGA



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GGCAGAAATGTTACTATCAGTAGCCTCAAGCCAGATACTACTTATGTCTTCCAAATCCGAGCTCGGACAG
 CAGCGGGATATGGAACCAACAGCCGCAAAATTTGAATTTGAAACTAGCCCAGACTCTTCTCCATCTCCGG
 TGAACACAGTCATGTGGTGATGATTGCTATTTCCGCAGCTGTGGCCATCATTGTCCTCACGGTGGTCACC
 TATGTTCTGGTCGGGAGGTTTTGTGGCTATCACAAGTCAAACACAGTGCAGAGGAGAAGCGCCTTCACT
 TTGGGAATGGCCACTTAAACTTCCAGGTCTCAGGACCTATGTTGATCCACATACATATGAAGACCCTAC
 TCAAGCAGTTCATGAGTTCGCGAAGGAGTTGGATGCCACCAATATCCATCGACAAAGTTGTTGGAGCA
 GGTGAATTTGGAGAAGTTTGCAGCGGCCGCTTAAACTTCCTTCAAAAAAGAGATTTCCGTGGCCATAA
 AGACCCTGAAAGTAGGGTATACCGAGAAAACAGAGGAGAGACTTCCTCGGTGAAGCGAGCATCATGGGACA
 GTTTGACCATCCCAACATCATCCGACTGGAAGGCGTTGTCACTAAGAGTAAGCCAGTGATGATTGTCACG
 GAATACATGGAGAATGGCTCCTTGGACAGTTTCTTACGTAAGCACGATGCCAGTTCACAGTCATCCAGC
 TTGTGGGAATGCTCCGTGGGATAGCATCAGGTATGAAATACCTCTCAGATATGGGCTACGTCACCCGGGA
 CCTTGCTGCTCGCAACATCTTGATCAACAGTAACCTAGTGTGTAAGTTTCTGACTTTGGACTCTCTCGG
 GTACTTGAAGATGACCCAGAAGCTGCTTACACAACCAGGGGAGGAAAGATACCAATAAGGTGGACATCAC
 CAGAAGCAATTGCTACCGCAAGTTCACCTCAGCCAGCGATGTATGGAGTACGGGATTGTTCTCTGGGA
 AGTGATGTCTTACGGAGAAGGCCATACTGGGAGATGTCCAATCAGGATGTAATTAAGGCTGTGGATGAG
 GGCTATCGCTGCCACCTCCCATGGATTGCCAGCTGCCTTGTATCAGTTGATGTTGGACTGCTGGCAGA
 AAGACAGGAACAACAGACCCAAGTTCGAGCAGATCGTCAAGCATTCTGGACAAACTCATCCGAATCCAGG
 CAGTCTGAAGATCATCACCAGCGCGGTGCAAGGCCATCAAACCTTCTTGGACCAAAGCAATGTCGAT
 ATCGCTACCTCCACACAACCTGGTATTGGCTTAAACGGCATGAGGACAGCACACTGTAAGGAAATCTTCA
 CAGGCGTCGAATACAGCTCCTGTGACACCATTGCCAAGATCTCCACAGATGACATGAAAAAGTTGGTGT
 CACTGTGGTTGGGCCACAGAAGAAGATCATCAGCACCATTAAAGCTCTAGAAACAAATCTAAGAATGGT
 CCAGTTCCAGTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_010140

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:

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_010140.3](#), [NP_034270.1](#)

RefSeq Size:

3978 bp

RefSeq ORF:

2955 bp

Locus ID: 13837

Cytogenetics: 16 C1.3