

Product datasheet for MC202369

Ephx1 (NM_010145) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ephx1 (NM_010145) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ephx1
Synonyms: EH; Eph-1; Eph1; Epxh1; mEH
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC045194 sequence for NM_010145
 AGGAGTTTGAGAGTGGAGAACTGCACACCAGCCGCCGGGAGTAGGAACCCGAGAGCGACCCTGACAG
 AGTCATGTGGCTGGAACCTCATCTGGCTTCTGTGCTGGGCTTTGTCATCTACTGGTTTGTCTCCCGGGAC
 AAGGAGGAGACCTTACCACCTTGAAGATGGGTGGTGGGGCCAGGGTCAAAGCCATCAGCCAAAGAAGATG
 AGAGCATCCGGCCCTTCAAGGTGAAACATCAGATGAGGAGATCAAGACTTGCACCAGAGGATAGATAG
 GTTCCGGGCATCCCCACCTTTGGAGGGCAGTCGCTTCCACTATGGCTTCAACTCCAGCTACCTGAAGAAA
 GTGGTGTCTTCTGGAGGAATGAGTTTACTGGAGGAAGCAGGTGGAGATCCTCAACCAATACCCACACT
 TTAAGACCAAGATTGAAGGGCTGGACATCCACTTCATCCACGTGAAACCTCCCCAGCTGCCCTCAGGCCG
 CACTCAAAGCCCTTGTGATGGTGCACGGCTGGCTGGCTCCTTCTATGAGTTCTACAAGATTATCCCA
 CTGCTGACAGACCCCAAGACCCACGGCCTGAGTGATGAGCACGTGTTGAAGTCATCTGTCCCTCAATTC
 CTGGCTATGGCTTCTCAGAGGCATCCAGCAAGAAAGGTTTAAATTCGGTGGCCACTGCGAGGATCTTCTA
 CAAGCTGATGTCACGGCTGGGCTTCCAGAAGTTTACATTCAAGGCGGCGACTGGGGTCTCTCATCTGC
 ACCAACATAGCCAGATGGTGCCCAACACGTGAAAGTTTTGCACTTGAATATGTCTTTCATTTCAAGAA
 ACATTTATTCCTGACCCCTCTCCTGGGCCAACGTTTTGGGAGATTTCTTGGCTACACAGAGAAGGATCT
 GGAGCTCTGTACCCATTCAAGGAAAAGTTTTCTACAACATCATGAGGGAGAGTGGCTACTTACACATC
 CAGGCCACCAAGCCGGACACTGTGGGCTGTGCTCTGAATGACTCTCCTGTGGGCTGGCTGCCTACATCT
 TAGAGAAGTTCTCCACCTGGACCAAGTCAGAATACCGTGAAGTGGAGGATGGAGGCTGGAGAGGAAGTT
 CTCCCTGGAAGATCTGCTGACTAACATCATGATCTACTGGACGACAGGAACCATTTGTCTCTCCAGCGC
 TTCTACAAGGAAAACCTTGGGCCAGGGTGTGATGGTCCATAGACATGAGGGGATGAAGGCTTTGTGCCCC
 CTGGCTATTGAGCCTTCCCTTCTGAGATCCTGCATGCCCAAGAAAGTGGGTGAAGGTCAAGTACCCCAA
 ACTCATCTCTATTCTCATGGAACGTGGGGCCACTTTGCTGCCTTGAAGAGCCCAAGCTTCTGGCC
 CAGGACATCCGCAAGTTCGTGTCCCTGGCTGAGCTGCAGTGATGACGCTACACACCAACCATGGCTTTAG
 CAGCAGCCCTGGTTCCCTCCAGTCATACTTATGGAAGATGTGCCCTTCCAGAGGAATAAGTTTGTTC
 TGACCACACTGGGGGACCCAGACTTCAACCCACAGAGTCTCTTACCACCCCATATGCTTCGCCCC
 ACTGCATAGCTGTGTTAAGCTACATGGCTTAAATGATAAATGGGTTTATTCTAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_010145
Insert Size:	1368 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:	BC045194 , AAH45194
RefSeq Size:	1708 bp
RefSeq ORF:	1368 bp
Locus ID:	13849
UniProt ID:	Q9D379
Cytogenetics:	1 84.48 cM
Gene Summary:	<p>Biotransformation enzyme that catalyzes the hydrolysis of arene and aliphatic epoxides to less reactive and more water soluble dihydrodiols by the trans addition of water. May play a role in the metabolism of endogenous lipids such as epoxide-containing fatty acids. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>