

Product datasheet for **MC211255**

Ephx3 (NM_001033163) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ephx3 (NM_001033163) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ephx3
Synonyms:	2310063B19Rik; Abhd9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC211255 representing NM_001033163
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGAGTGGCAGTATCTGTCCGAGCCGCGCATCTGTTTCTCGACCGTCCAGTGGACTCCGATAGCA
 CGGTGGAATCCCAAACAAGGTGGTGGGCTGCTGGCGCCAGCACCCCTGGCTCAGTCTCCGACCACGG
 CGGCTCTGTAGTCGTCCAGAGCGCAAGGATATGCCGGAGTTTGTGGTGACAGCGCTACTCGCACCTCA
 CGCCTCTCGTGAAGCTGCTGCGAGCGCTGGTGTGAGCCTGGTGTACTTGGCTGCCTTGGTGGCCGCT
 TTGTCTACAGCTGCATCGCGCTACCCATGTGATGTGCCGTCTCGCAGGGGCTGCTGCGCCGCCAGAG
 GTTGTCTCCCCAGAGTGCCTGAGAGACCCACGCTGGGCGAGCATTGCTTTCTAACCTCAGGGTGAGT
 GTTCTCCCGTGAAGAGTCCGGCTGCGTCTGCACTATGTCTCTGCTGGTCATGGCAATGGGCCACTCA
 TGCTATTTCTGCATGGCTTCCAGAGAAGTGGTTCAGCTGGCGCTACCAGCTGCGAGAGTTTCAGAGCCA
 TTTCCATGTCGTGGCTGTAGACATGCGTGGTTATAGTCCCTCTGATGCTCAAAGGAAGTGGATTGTTAC
 ACCATTGACTTGTGTTGGATGACATCAAGGATACCATCCTAGGCCTGGGGTACTCCAAGTGCATCCTCG
 TGAGCCACGACTGGGGGGCTCCCTTGCCTGGGAGTTCTCCATCTACTACCCATCCCTAGTGAGCGTAT
 GGTGTGGCCAATGGTCTCCATGTGATGATCCAAGAATACTCAATCCACCACATCGGCCAGATATTC
 CGATCAAACACTACATGTTCTGTTCCAGCTTCCCTGGCTGCCAGAGAAGCTGTTGTCTATGTCTGACTTCC
 AGATTCTCAAAGACACATTCCTCAACCTGGATGCCTCACTGGGCCATCAACTACTACAGGAACGTGTTCCAGG
 AACTTCCCCTGGAGCCCAAGAACTGTCAACACCCACGCTGTTGCTGTGGGGGGAAAAAGACTTCGCCT
 TCCAGCAGGGGCTGGTGAAGCCATTGGAAGACTTTGTGCCCGCCGGTTGGAAGCCACATTTTGCC
 AGGCAGTGGGCACTGGATTCCACAGGCCATCCTCAGGAGATGCATCAGTACATGTGGCCCTTCTGCAA
 GACCTGCTGGGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001033163

Insert Size: 1275 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_001033163.3](#), [NP_001028335.1](#)

RefSeq Size: 2416 bp

RefSeq ORF: 1275 bp

Locus ID: 71932

UniProt ID: [Q3V1F8](#)

Cytogenetics: 17 B1

Gene Summary: Catalyzes the hydrolysis of epoxide-containing fatty acids. Active in vitro against epoxyeicosatrienoic acids (EETs) including 8,9-EET, 9,10-EET, 11,12-EET and 14,15-EET and leukotoxin.[UniProtKB/Swiss-Prot Function]