

Product datasheet for **MC205851**

Abhd16a (NM_178592) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abhd16a (NM_178592) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abhd16a
Synonyms:	AI326074; Bat-5; Bat5; D17H6S82E; NG26
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC029114
 CTGAGGCCGAGGGACAGCGGCCGAGCCGGGGCTATGGCGAAGCTCCTGAGCTGCGTCCTCGGCCCCCGG
 CTCTACAAGATCTACCGGGAGAGGGACACGGACCGGGCCGCGTCCAGCGTCCCGGAGACTCCCCTGCCC
 TCCCCCGCCCTCGTCCAGCTCCTGGGATACGTATTATCAGCCTCGGGCCCTGGAGAAACATGCAGACAG
 CATCCTGGCACTGGCTTCAGTCTTCTGGTCCATCTTTATTACTCCTCTCCCTTCGCCTTCTTCTACTTA
 TACAGGAAAGGTTACTTGAGTTTGTCCAAAGTGGTGCCATTTTCTCACTATGCCGGGACGTTGCTGTAC
 TACTTGCAGGGGTGGCCTGCCTCCGAGCATTGGCCGCTGGACCAACCCCAAGTATCGACAGTTTCATCAC
 CATCTTGGAAAGCCACACATAGGAACAGTCTGCAGAAAACAAGAGGCAGCTGGCCAACTATAACTTCGAC
 TTCAGGAGCTGGCCAGTCGACTTCCACTGGGAGGAGCCAGCAGCCGGAAGGGTCCCGAGGTGGCCCTT
 CCCGCAGGGGTGTGGCCCTGCTTCGTCAGAGCCTCTGCACCGGGGAACAGCAGACACGTTTCTCAACAG
 GGTCAAGAAGCTGCCCTGTGATCACCAGCTATCTGGTGGCACACACCTTGGGGCGCCGGATGTGTAC
 CCAGGCTCCGTGTACCTGCTCCAGAAGGCCCTCATGCCTGTGCTGCTGCAGGGCCAGGCCGACTGGTGG
 AAGAGTGAATGGGCGCCGTGCAAAACTGCTTGCCTGTGATGGTAATGAGATAGACACCATGTTTGTGGA
 CCGACGGGGACAGCTGAGCCCCAGGGCAGAAGCTGGTATCTGCTGTGAGGGGAATGCAGGATTCTAT
 GAGGTGGGCTGTGTCTCCACACCCTAGAAGCTGGCTATTCTGTCTGGGCTGGAATCATCCAGGCTTTG
 CAGGAAGCACGGGGTACCATTCCACAGAACGAGGCCAATGCCATGGATGTGGTGGTTCAGTTTGCAT
 CCACCGCTGGGCTTCCAGCCCCAGGACATTGTATCTACGCCTGGTCCATTGGAGGCTTCACTGCCACG
 TGGGCAGCCATGTCTACCCAGACATCAGTGTGTATCTGGACGCTTCTTCGATGACTTGGTGGCCC
 TGGCCTTGAAGGTCATGCCGGACAGCTGGCGAGCCCTGGTACCAGGACGGTGAGGCAGCATCTCAACCT
 CAACAACCTCGGAGCAGCTGTGCAGGTTCCAGGGCCCCGTGCTGCTGGTCCGGAGAACCAAGGACGAGATC
 ATCACCACCACGGTCCCTGAGGACATCATGTCCAACAGAGGCAATGACCTCCTGTGAAGCTCCTGCAGT
 TCCGGTATCCTCGAGTGTGGTGGAGGAGGGCTCAGAGCTGTGAGGCAGTGGCTGGAGGCTCTTCCCA
 GCTAGAGGAAGCCTCCATTTACAGTCGCTGGGAGGTGGAGGAGGACTGGTGTGTGTGCTTGTGCTCC
 TACCAGGCAGAGCATGGGCCTGATTTCCCTGGAGTGTGGGGAGGACATGAGTGCAGATGGACGGAGGC
 AGCTGGGCTGTTCTGGCCCGAAGCATCTACACAACCTTTGAGGCCACACTGCACTCCACTCCCGGC
 CCAGCACTTCCAGATGCCCTGGCACCTCTAGAACCACGTGTAGACTCTTCTGGAAGGACAAGATAGGAGG
 AGACACGAGGGGATACTTTTGTGACTCTTTCATGTTGCTGTTTATAGTCTGGCCCGTGGGGACATCCCC
 TCTGGCCAACAGTCCCTGCACGTTTCCCTCATCTATGTGGAAGCACTAGCTCCCTCATACACACCT
 GCATTAATGAATGATTTATTCTAATAATTAATAAAAAGGTATTTTTTCTACAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: NM_178592

Insert Size: 1677 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: [BC029114](#), [AAH29114](#)

RefSeq Size: 1958 bp

RefSeq ORF: 1677 bp

Locus ID: 193742

UniProt ID: [Q9Z1Q2](#)

Cytogenetics: 17 18.59 cM

Gene Summary: Phosphatidylserine (PS) lipase that mediates the hydrolysis of phosphatidylserine to generate lysophosphatidylserine (LPS) (PubMed:25580854). LPS constitutes a class of signaling lipids that regulates immunological and neurological processes (PubMed:25580854). Has no activity towards diacylglycerol, triacylglycerol or lysophosphatidylserine lipase (By similarity). Also has monoacylglycerol lipase activity, with preference for 1-(9Z,12Z-octadecadienoyl)-glycerol (1-LG) and 2-glyceryl-15-deoxy-Delta(12,14)-prostaglandin J2 (15d-PGJ(2)-G) (PubMed:25290914). [UniProtKB/Swiss-Prot Function]