

Product datasheet for **TP505328**

Abhd5 (NM_026179) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse abhydrolase domain containing 5 (Abhd5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR205328 representing NM_026179
Red=Cloning site **Green**=Tags(s)

MKAMAAEEVDSADAGGGSGWLTGWLPTWCPTSTSHLKEAEEKMLKCVPTCYKKEPVRISSNGNRIWTLMF
SHNISSKTPLVLLHGFGGGLGLWALNFEDLSTDRPVYAFDLLGFGRSSRPRFSDAAEEVENQFVESIEEW
RCALRLDKMILLGHNLGGFLAAAYSLKYPSRVSHLILVEPWGFPERPDLDQERPIPVWIRALGAALTPF
NPLAGLRIAGPFGLSLVQRLRPDFKRKYSSMFEDDVTVEYIYHCNVQTPSGETAFKNMTIPYGWAKRPMF
QRIGGLHPDIPVSVIFGARSCIDGNSGTISIQLRPKSYVKTIAILGAGHYVYADQPEEFNQVKVEICHTV
D

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 39.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_080455](#)
Locus ID: 67469
UniProt ID: [Q9DBL9](#)



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RefSeq Size:	3148
Cytogenetics:	9 F4
RefSeq ORF:	1053
Synonyms:	1300003D03Rik; 2010002J10Rik; CDS; CGI-58; IECN5; NCIE2
Summary:	Coenzyme A-dependent lysophosphatidic acid acyltransferase that catalyzes the transfer of an acyl group on a lysophosphatidic acid (PubMed:19801371). Functions preferentially with 1-oleoyl-lysophosphatidic acid followed by 1-palmitoyl-lysophosphatidic acid, 1-stearoyl-lysophosphatidic acid and 1-arachidonoyl-lysophosphatidic acid as lipid acceptor (PubMed:19801371). Functions preferentially with arachidonoyl-CoA followed by oleoyl-CoA as acyl group donors (PubMed:19801371). Functions in phosphatidic acid biosynthesis (By similarity). May regulate the cellular storage of triacylglycerol through activation of the phospholipase PNPLA2 (PubMed:16679289). Involved in keratinocyte differentiation (By similarity). Regulates lipid droplet fusion (PubMed:26083785).[UniProtKB/Swiss-Prot Function]