

Product datasheet for **TP300915L**

ABHD6 (NM_020676) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human abhydrolase domain containing 6 (ABHD6), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC200915 protein sequence Red =Cloning site Green =Tags(s) |

MDLDVNMFVIAGGTLAIPILAFVASFLLWPSALIRIYYWYWRRTLGMQVRYVHHEDYQFCYSFRGRPGH
KPSILMLHGFSAHKDMWLSVVKFLPKNLHLVCVDMPGHEGTTSSLDDLSIDGQVKRIHQFVECLKLNKK
PFHLVGTSMGGQVAGVYAAAYPSDVSSLCLVCPAGLQYSTDNQFVQRLKELQGSAAVEKIPLIPSTPEEM
SEMLQLCSYVRFKVPQQILQGLVDVRIPHNNFYRKLFLFLEIVSEKSRYSLHQNMDDKIKVPTQIIWGKQDQV
LDVSGADMLAKSIANCQVELLENCGHSVVMERPRKTAKLIIDFLASVHNTDNNKKLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 38.2 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |
| 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: | <u>NP_065727</u> |
| Locus ID: | 57406 |



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UniProt ID: [Q9BV23](#), [A0A024R323](#)

RefSeq Size: 2413

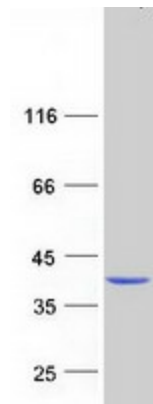
Cytogenetics: 3p14.3

RefSeq ORF: 1011

Summary: Lipase that preferentially hydrolysis medium-chain saturated monoacylglycerols including 2-arachidonoylglycerol (PubMed:22969151). Through 2-arachidonoylglycerol degradation may regulate endocannabinoid signaling pathways (By similarity). Also has a lysophosphatidyl lipase activity with a preference for lysophosphatidylglycerol among other lysophospholipids (By similarity). Also able to degrade bis(monoacylglycerol)phosphate (BMP) and constitutes the major enzyme for BMP catabolism (PubMed:26491015). BMP, also known as lysobisphosphatidic acid, is enriched in late endosomes and lysosomes and plays a key role in the formation of intraluminal vesicles and in lipid sorting (PubMed:26491015). [UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ABHD6 protein (Cat# [TP300915]). The protein was produced from HEK293T cells transfected with ABHD6 cDNA clone (Cat# [RC200915]) using MegaTran 2.0 (Cat# [TT210002]).