

## Product datasheet for TP300915M

### ABHD6 (NM\_020676) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human abhydrolase domain containing 6 (ABHD6), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC200915 protein sequence  
Red=Cloning site Green=Tags(s)

MDLDVNMFVIAGGTLAIPILAFVASFLLWPSALIRIYYWYWRRTLGMQVRYVHHEDYQFCYSFRGRPGH  
 KPSILMLHGFSAHKDMWLSVVKFLPKNLHLVCVDMPGHEGTTSSLDDLSIDGQVKRIHQFVECLKLNKK  
 PFHLVGTSMGGQVAGVYAAAYPSDVSSLCLVCPAGLQYSTDNQFVQRLKELQGSAAVEKIPLIPSTPEEM  
 SEMLQLCSYVRFKVPQQILQGLVDVRIPHNNFYRKLFLFLEIVSEKSRYSLHQNMKIKVPTQIIWGKQDQV  
 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:** [NP\\_065727](#)  
**Locus ID:** 57406



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

RefSeq Size: 2413

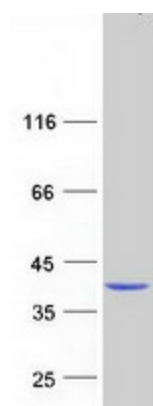
Cytogenetics: 3p14.3

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(monoacylglycero)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]).