

Recombinant Human ABHD6 Protein, C-Myc/DDK-tagged

Cat. No. ABHD6-11H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human abhydrolase domain containing 6 (ABHD6) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	Enables acylglycerol lipase activity. Involved in acylglycerol catabolic process. Predicted to be located in late endosome membrane and lysosomal membrane. Predicted to be integral component of membrane. Predicted to be part of AMPA glutamate receptor complex. Predicted to be active in GABA-ergic synapse; glutamatergic synapse; and mitochondrion. Predicted to be integral component of postsynaptic membrane.
Molecular Mass	38.2 kDa
AA Sequence	MDLDVVNMFVIAGGTLAIPILAFVASFLLWPSALIRIYYWYWRRTLGMQVRYVHHEDY QFCYSFRGRPGHKPSILMLHGFSAHKDMWLSVVKFLPKNLHLVCVDMPGHEGTTTR SSLDDLSDGQVKRIHQFVECLKLNKKPFHLVGTSMGGQVAGVYAAAYPSDVSSLCL VCPAGLQYSTDNQFVQRLKELQGSAAVEKIPLIPSTPEEMSEMLQLCSYVRFKVPQQ ILQGLVDVRIPHNNFYRKLFLFLEIVSEKSRYSLSHQNMDKIKVPTQIIWGKQDQVLDVSG ADMLAKSIANCQVELLENCGHSVVMERPRKTAKLIIDFLASVHNTDNNKKLDTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

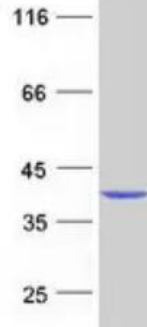
GENE INFORMATION

Gene Name	ABHD6 abhydrolase domain containing 6, acylglycerol lipase [Homo sapiens (human)]
Official Symbol	ABHD6
Synonyms	ABHD6; abhydrolase domain containing 6, acylglycerol lipase; monoacylglycerol lipase ABHD6; 2-arachidonoylglycerol hydrolase; abhydrolase domain-containing protein 6; lipase protein; EC 3.1.1.23
Gene ID	57406
mRNA Refseq	NM_020676
Protein Refseq	NP_065727
MIM	616966
UniProt ID	Q9BV23

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SDS-PAGE

Coomassie blue staining of purified ABHD6 protein. The protein was produced from HEK293T cells transfected with ABHD6 cDNA clone using MegaTran 2.0.

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