

Human ABHD5 Knockdown Cell Lysate

Cat. No. ABHD5-015HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ABHD5 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation.
Form	Cell-Tissue Lysis buffer
Molecular Mass	39 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ABHD5 KD HeLa cell lysate
Protein Families	Protease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ABHD5 abhydrolase domain containing 5 [Homo sapiens (human)]
Official Symbol	ABHD5
Synonyms	ABHD5; abhydrolase domain containing 5; 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; CGI 58; NCIE2; lipid droplet-binding protein CGI-58; abhydrolase domain-containing protein 5; CDS; CGI58; IECN2; MGC8731;
Gene ID	51099
mRNA Refseq	NM_016006
Protein Refseq	NP_057090
MIM	604780
UniProt ID	Q8WTS1

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