

Human ABCE1 Knockdown Cell Lysate

Cat. No. ABCE1-319HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ABCE1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	67 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.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ABCE1 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ABCE1 ATP-binding cassette, sub-family E (OABP), member 1 [Homo sapiens (human)]
Official Symbol	ABCE1
Synonyms	RLI; OABP; ABC38; RNS4I; RNASEL1; RNASELI
Gene ID	6059
mRNA Refseq	NM_002940
Protein Refseq	NP_002931
MIM	601213
UniProt ID	P61221

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