

Human SMYD3 Knockdown Cell Lysate

Cat. No. SMYD3-430HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SMYD3 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a histone methyltransferase which functions in RNA polymerase II complexes by an interaction with a specific RNA helicase. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	49 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.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg SMYD3 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	SMYD3 SET and MYND domain containing 3 [Homo sapiens (human)]
Official Symbol	SMYD3
Synonyms	SMYD3; SET and MYND domain containing 3; zinc finger, MYND domain containing 1, ZMYND1, ZNFN3A1; SET and MYND domain-containing protein 3; KMT3E; bA74P14.1 (novel protein); zinc finger, MYND domain containing 1; zinc finger MYND domain-containing protein 1; zinc finger protein, subfamily 3A (MYND domain containing), 1; ZMYND1; ZNFN3A1; bA74P14.1; FLJ21080; MGC104324;
Gene ID	64754
mRNA Refseq	NM_001167740
Protein Refseq	NP_001161212
MIM	608783
UniProt ID	Q9H7B4

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