

Human SYNE3 Knockdown Cell Lysate

Cat. No. SYNE3-495HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SYNE3 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	Enables actin filament binding activity and cytoskeleton-nuclear membrane anchor activity. Involved in cytoskeleton organization; establishment of protein localization to membrane; and regulation of cell shape. Located in nuclear membrane. Part of meiotic nuclear membrane microtubule tethering complex. Biomarker of Huntington's disease.
Form	Cell-Tissue Lysis buffer
Molecular Mass	112 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg SYNE3 KD HT-1080 cell lysate
Protein Families	Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	SYNE3 spectrin repeat containing nuclear envelope family member 3 [Homo sapiens (human)]
Official Symbol	SYNE3
Synonyms	SYNE3; spectrin repeat containing nuclear envelope family member 3; KASH3; NET53; Nesp3; C14orf49; C14orf139; LINC00341; NCRNA00341; nesprin-3; KASH domain-containing protein 3; long intergenic non-protein coding RNA 341; nuclear envelope spectrin repeat protein 3; uncharacterized protein C14orf113
Gene ID	161176
mRNA Refseq	NM_152592
Protein Refseq	NP_689805
MIM	610861
UniProt ID	Q6ZMZ3

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