

Human NSDHL Knockdown Cell Lysate

Cat. No. NSDHL-381HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated NSDHL Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is localized in the endoplasmic reticulum and is involved in cholesterol biosynthesis. Mutations in this gene are associated with CHILD syndrome, which is a X-linked dominant disorder of lipid metabolism with disturbed cholesterol biosynthesis, and typically lethal in males. Alternatively spliced transcript variants with differing 5' UTR have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	42 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg NSDHL KD HeLa cell lysate
Protein Families	Transmembrane
Protein Pathways	Metabolic pathways, Steroid biosynthesis
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	NSDHL NAD(P) dependent steroid dehydrogenase-like [Homo sapiens (human)]
Official Symbol	NSDHL
Synonyms	NSDHL; NAD(P) dependent steroid dehydrogenase-like; sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating; H105e3; SDR31E1; short chain dehydrogenase/reductase family 31E; member 1; XAP104; protein H105e3; short chain dehydrogenase/reductase family 31E, member 1; H105E3;
Gene ID	50814
mRNA Refseq	NM_001129765
Protein Refseq	NP_001123237
MIM	300275
UniProt ID	Q15738

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