Recombinant Human NSDHL cell lysate

Cat. No. NSDHL-1223HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NSDHL NAD(P) dependent steroid dehydrogenase-like [Homo sapiens]
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

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	chain dehydrogenase/reductase family 31E, member 1; H105E3;
Gene ID	50814
mRNA Refseq	NM_001129765
Protein Refseq	NP_001123237
MIM	300275
UniProt ID	Q15738
Chromosome Location	Xq28
Pathway	Cholesterol Biosynthesis, organism-specific biosystem; Cholesterol biosynthesis, organism-specific biosystem; Cholesterol biosynthesis, squalene 2,3-epoxide =>cholesterol, organism-specific biosystem; Cholesterol biosynthesis, squalene 2,3-epoxide => cholesterol, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	3-beta-hydroxy-delta5-steroid dehydrogenase activity; nucleotide binding; oxidoreductase activity; sterol-4-alpha-carboxylate 3-dehydrogenase (decarboxylating) activity;

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