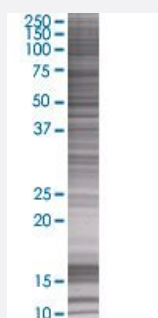


NSDHL 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00050814-T01

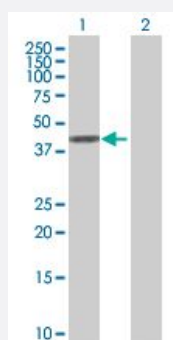
Size 100 uL

Applications



SDS-PAGE Gel

NSDHL transfected lysate.



Western Blot

Lane 1: NSDHL transfected lysate (41.14 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NSDHL full-length
Host	Human
Theoretical MW (kDa)	41.14
Interspecies Antigen Sequence	Mouse (82); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NSDHL antibody ([H00050814-B01](#)) by Western Blots.
SDS-PAGE Gel
NSDHL transfected lysate.
Western Blot
Lane 1: NSDHL transfected lysate (41.14 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NSDHL

Entrez GeneID

[50814](#)

GeneBank Accession#

[NM_015922.1](#)

Protein Accession#

[NP_057006.1](#)

Gene Name

NSDHL

Gene Alias

H105E3, SDR31E1, XAP104

Gene Description

NAD(P) dependent steroid dehydrogenase-like

Omim ID

[300275 308050](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

OTTHUMP00000025902|short chain dehydrogenase/reductase family 31E, member 1|sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)