

## **Product datasheet for RC203225L3**

## 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

## NSDHL (NM\_015922) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: NSDHL (NM\_015922) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NSDHL

Synonyms: H105E3; SDR31E1; XAP104

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

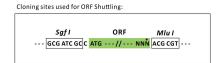
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203225).

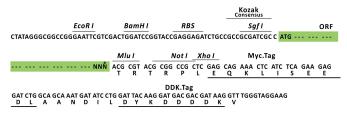
Sgfl-Mlul

Sequence:

ience.

Restriction Sites: Cloning Scheme:





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_015922

ORF Size: 1119 bp





## NSDHL (NM\_015922) Human Tagged Lenti ORF Clone - RC203225L3

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

**RefSeq:** <u>NM 015922.2</u>

 RefSeq Size:
 1581 bp

 RefSeq ORF:
 1122 bp

 Locus ID:
 50814

 UniProt ID:
 Q15738

**Cytogenetics:** Xq28

**Domains:** 3Beta\_HSD

Protein Families: Transmembrane

**Protein Pathways:** Metabolic pathways, Steroid biosynthesis

**MW:** 41.9 kDa

**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, Jul 2008]