

## Product datasheet for **RC207792L4V**

### NDST2 (NM\_003635) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NDST2 (NM_003635) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NDST2
Synonyms:	HSST2; N-HSST 2; NST2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003635
ORF Size:	2649 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207792).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_003635.2</a>
RefSeq Size:	4006 bp
RefSeq ORF:	2652 bp
Locus ID:	8509
UniProt ID:	<a href="#">P52849</a>
Cytogenetics:	10q22.2
Domains:	Sulfotransfer
Protein Families:	Transmembrane



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**Protein Pathways:** Heparan sulfate biosynthesis, Metabolic pathways

**MW:** 100.9 kDa

**Gene Summary:** This gene encodes a member of the N-deacetylase/N-sulfotransferase subfamily of the sulfotransferase 1 proteins. The encoded enzyme has dual functions in processing glucosamine and heparin polymers, including N-deacetylation and N-sulfation. The encoded protein may be localized to the Golgi. [provided by RefSeq, Feb 2009]