

## Recombinant Human NDST1 lysate

Cat. No. NDST1-435HCL    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	65343.98Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	NDST1 N-deacetylase/N-sulfotransferase (heparan glucosaminy) 1 [ Homo sapiens ]
<b>Official Symbol</b>	NDST1
<b>Synonyms</b>	NDST1; N-deacetylase/N-sulfotransferase (heparan glucosaminy) 1; HSST; bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1; NST1; NDST-1; HSNST 1; N-HSST 1; N-heparan sulfate sulfotransferase 1; glucosaminy N-deacetylase/N-sulfotransferase 1; heparan sulfate-N-deacetylase/N-sulfotransferase; [Heparan sulfate]-glucosamine N-sulfotransferase 1;

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<b>Gene ID</b>	3340
<b>mRNA Refseq</b>	NM_001543
<b>Protein Refseq</b>	NP_001534
<b>MIM</b>	600853
<b>UniProt ID</b>	P52848
<b>Chromosome Location</b>	5q33.1
<b>Pathway</b>	Glycosaminoglycan biosynthesis - heparan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - heparan sulfate, conserved biosystem; Glycosaminoglycan biosynthesis, heparan sulfate backbone, organism-specific biosystem; Glycosaminoglycan biosynthesis, heparan sulfate backbone, conserved biosystem; Metabolic pathways, organism-specific biosystem; heparan sulfate biosynthesis, organism-specific biosystem; heparan sulfate biosynthesis, conserved biosystem;
<b>Function</b>	[heparan sulfate]-glucosamine N-sulfotransferase activity; deacetylase activity; sulfotransferase activity; transferase activity;

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