

Recombinant Human NDST1 protein, His-tagged

Cat. No. NDST1-3940H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDST1 protein(38-90 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	38-90 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LYGWKRGLEPSADAPEPDCGDPPPVAPSRLPLKPVQAATPSRTDPLVLFVE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name NDST1 N-deacetylase/N-sulfotransferase (heparan glucosaminy) 1 [Homo sapiens]

Official Symbol NDST1

Synonyms 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;

Gene ID 3340

mRNA Refseq NM_001543

Protein Refseq NP_001534

MIM 600853

UniProt ID P52848

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