

Recombinant Human NDST2 protein, His-tagged

Cat. No. NDST2-3563H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDST2 protein(583-883 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	583-883 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	NPCDDKRHKDIWSKEKTCDRLPKFLIVGPQKTGTTAIHFFLSLHPAVTSSFPSPSTFE EIQFFNSPNYHKIDWYMDFFPVPSNASTDFLFEKSATYFDSEVVPRRGAALLPRAK IITVLTNPADRAYSWYQHQRAGDPVALNYTFYQVISASSQTPLALRSLQNRCLVPG YYSTHLQRWLTYYPGQQLLIVDGQELRTNPAASMESIQKFLGITPFLNYTRTLRFDDD KGFWCQGLEGGKTRCLGRSKGRRYPDMDTESRLFLTDFFRNHNLELSKLLSRLGQ PVPSWLREELQHSSLG
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Gene Name

NDST2 N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2 [Homo sapiens (human)]

Official Symbol

NDST2

Synonyms

NDST2; NST2; HSST2; N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2; bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 2; NDST-2; N-HSST 2; N-heparan sulfate sulfotransferase 2; glucosaminyl N-deacetylase/N-sulfotransferase 2; EC 2.8.2.8

Gene ID

8509

mRNA Refseq

NM_003635

Protein Refseq

NP_003626

MIM

603268

UniProt ID

P52849

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA