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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NPCDDKRHKDIWSKEKTCDRLPKFLIVGPQKTGTTAIHFFLSLHPAVTSSFPSPSTFE EIQFFNSPNYHKGIDWYMDFFPVPSNASTDFLFEKSATYFDSEVVPRRGAALLPRAK IITVLTNPADRAYSWYQHQRAHGDPVALNYTFYQVISASSQTPLALRSLQNRCLVPG YYSTHLQRWLTYYPSGQLLIVDGQELRTNPAASMESIQKFLGITPFLNYTRTLRFDDD 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

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	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/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

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