

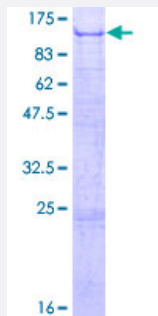
Full-Length

NDST4 (Human) Recombinant Protein (P01)

Catalog # H00064579-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NDST4 full-length ORF (NP_072091.1, 1 a.a. - 872 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNLIVKLRRSFRTLMLLATFCLVSVISAYFLYSGYKQEMTLIETAEAECTDIKILPYRSMELKTVKPI
DTSKTDPTVLLFVESQYSQLGQDIIAILESSRFQYHVIAPGKGDIPLTDNGKGKYLVIYENILKYV
SMDSWNRELLEKYCVEYSVSIIGFHKANENSLPSTQLKGFPLNLFNNLALKDCFVNPQSPLLHITK
APKVEKGPLPGEDWTIFQYNHSTYQPVLLTELQTEKSLSSLSKTLFATVIQDLGLHDGIQRVLFGN
NLNFWLHKLIFIDAIISFLSGKRLTSLDRYLVDIDDIFVGKEGTRMNVKDVKALLETQNLRLRTQVANF
TFNLGFSGKFYHTGTETEEDEGDDLLLRSDVDFWWFPHMWSHMQPHLFHNESSLVEQMILNKEF
ALEHGIPINMGYAVAPHHSGVYPVHIQLYAAWKKVWGIQVTSTEEYPHLKPARYRKGFHNSIMVLP
RQTCGLFTHTIFYKEYPGGPQELDKSIRGGELFTILLNPISIFMTHLSNYGNDRLGLYTFVNLVNFVQ
SWTNLKLQTLPPVQLAHQYFELFPEQKDPLWQNPCDDKRHKDWSREKTCDHLPKFLVIGPQKT
GTTALYLFLLMHPSIISNLPSPKTFEEVQFFNGNNYHKGIDWYMDFFPTPSNTTSDFLFEKSANYFH
SEEAPRRAASLVPKAKIITILIDPSDRASWYQHQRSHEDPAALRFNFYEVISTGHWAPSDLKTLQR
RCLVPGWYAVHIERWLTYSQSLIIDGQQLRSDPATVMDEVQKFLGVTTPRYNYSEALTFDPQKG
FWCQLLEGKTKCLGKSKGRKYPMPDPESRTFLSNYYRDHNVLSKLLHRLGQPLPSWLRQEL
QKVR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

127.1

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NDST4

Entrez GeneID	64579
GeneBank Accession#	NM_022569.1
Protein Accession#	NP_072091.1
Gene Name	NDST4
Gene Alias	-
Gene Description	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 4
Gene Ontology	Hyperlink
Other Designations	N-deacetylase/N-sulfotransferase 4

Pathway

- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)