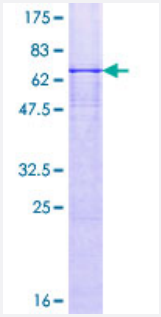
Full-Length

NDN (Human) Recombinant Protein (P01)

Catalog # H00004692-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NDN full-length ORF (NP_002478.1, 1 a.a. - 321 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSEQSKDLSDPNFAAEAPNSEVHSSPGVSEGVPPSATLAEPQSPPLGPTAAPQAAPPPQAPN DEGDPKALQQAAEEGRAHQAPSAAQPGPAPPAPAQLVQKAHELMWYVLVKDQKKMIIWFPDM VKDVIGSYKKWCRSILRRTSLILARVFGLHLRLTSLHTMEFALVKALEPEELDRVALSNRMPMTGLL LMILSLIYVKGRGARESAVWNVLRILGLRPWKKHSTFGDVRKLITEEFVQMNYLKYQRVPYVEPPEY EFFWGSRASREITKMQIMEFLARVFKKDPQAWPSRYREALEEARALREANPTAHYPRSSVSED
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.5
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 — NDN

Entrez GeneID	4692
GeneBank Accession#	NM_002487.2
Protein Accession#	NP_002478.1
Gene Name	NDN
Gene Alias	HsT16328, PWCR
Gene Description	necdin homolog (mouse)
Omim ID	176270 602117
Gene Ontology	Hyperlink
Gene Summary	This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gen e and is expressed exclusively from the paternal allele. Studies in mouse suggest that the protein encoded by this gene may suppress growth in postmitotic neurons. [provided by RefSeq
Other Designations	OTTHUMP00000159437|necdin

Disease

- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Body Weight

- NARP
- Obesity
- Prader-Willi syndrome
- Sleep Apnea