

Recombinant Human NDN

Cat. No. NDN-30373TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Necdin with N terminal proprietary tag, 61.38kDa.
Species	Human
Source	Wheat Germ
ProteinLength	321 amino acids
Description	This intronless gene is located in the Prader-Willi syndrome deletion region. It is an imprinted gene 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.
Molecular Weight	61.380kDa inclusive of tags
Tissue specificity	Almost ubiquitous. Detected in fetal brain, lung, liver and kidney; in adult heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine and colon. Not detected in peripheral blood leuko
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

 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

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSEQSKDLSDPNFAAEAPNSEVHSSPGVSEGVPPSATLAE PQSPPLGPTAAPQAA PPPQAPNDEGDPKALQQAEEGRAH QAPSAAQPGPAPPAPAQLVQKAHELMWYV LVKDQKKMIW FPDVMDVIGSYKKWCRSLRRTSLILARVFGLHLRLTSL HTMEFAL VKALEPEELDRVALSNRMPMTGLLLMILSLIYV KGRGARESAVWNVLRILGLRPWKK HSTFGDVRKLITEEFV QMNYLKYQRVPYVEPPEYEFFWGSRASREITKMQIMEFLA RVFKKDPQAWPSRYREALLEEARALREANPTAHYPRSSVSE D
Sequence Similarities	Contains 1 MAGE domain.

GENE INFORMATION

Gene Name	NDN <i>necdin homolog (mouse)</i> [<i>Homo sapiens</i>]
Official Symbol	NDN
Synonyms	NDN; <i>necdin homolog (mouse)</i> ; <i>necdin (mouse) homolog</i> ; <i>necdin</i> ; HsT16328; PWCR;
Gene ID	4692
mRNA Refseq	NM_002487
Protein Refseq	NP_002478
MIM	602117
Uniprot ID	Q99608

 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

Chromosome Location	15q11-q12
Pathway	Adipogenesis, organism-specific biosystem; p75(NTR)-mediated signaling, organism-specific biosystem;
Function	DNA binding; gamma-tubulin binding;

 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