

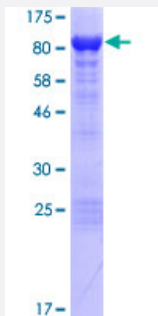
Full-Length

NCDN (Human) Recombinant Protein (P01)

Catalog # H00023154-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NCDN full-length ORF (NP_055099.1, 1 a.a. - 729 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSCCDLAAAGQLGKASIMASDCEPALNQAEGRNPTLERYLGALREAKNDSEQFAALLLVTKAVK
AGDIDAKTRRRIFDAVGFTFPNRLTTKEAPDGCPDHVLRALGVALLACFCSDPELAAHPQVLNKI
PILSTFLTARGDPDDAARRSMIDDTYQCLTAVAGTPRGPRHLIAGGTVSALCQAYLGHGYGFDQAL
ALLVGLLAAAETQCWKEAEPDLLAVLRGLSEDFQKAEDASKFELCQLPLFLPPTTVPECYRDL
QAGLARILGSKLSSWQRNPALKLAARLAHACGSDWIPAGSSGSKFLALLVNLACVEVRLALEETG
TEVKEDVVTACYALMELGIQECTRCEQSLLKEPQKVQLVSMKEAIGAVIHYLLQVGSEKQKEPF
VFASVRILGAWLAEETSSLRKEVCQLLPFLVRYAKTLYEEAEEANDLSQQVANLAISPTTPGPTWP
GDALRLLLPGWCHLTVEDGPREILIKEGAPSLCLKYFLQQWELTSPGHDTSVLPDSVEIGLQTCCH
IFLNLVVTAPGLIKRDACFTSLMNTLMTSLPALVQQQGRLLLAANVATLGLLMARLLSTSPALQGTP
ASRGFFAAAILFLSQSHVARATPGSDQAVLALSPEYEGIWADLQELWFLGMQAFTGCVPLLPWL
APAAALRSRWPQELLQLLGSVSPNSVKPEMVAAYQGVLEVELARANRLCREAMRLQAGEETASHY
RMAALEQCLSEP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.3

Interspecies Antigen Sequence

Mouse (98); Rat (97)

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 — NCDN

Entrez GeneID	23154
GeneBank Accession#	NM_014284.2
Protein Accession#	NP_055099.1
Gene Name	NCDN
Gene Alias	KIAA0607
Gene Description	neurochondrin
Omim ID	608458
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a leucine-rich cytoplasmic protein, which is highly similar to a mouse protein that negatively regulates Ca/calmodulin-dependent protein kinase II phosphorylation and may be essential for spatial learning processes. Several alternatively spliced transcript variants of this gene have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000065369 OTTHUMP00000065370 OTTHUMP00000065371