

Datasheet for ABIN7563141
NEDD1 Protein (AA 1-660) (His tag)



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Overview

Quantity:	1 mg
Target:	NEDD1
Protein Characteristics:	AA 1-660
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEDD1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nedd1 Protein expressed in mammalian cells.
Sequence:	<p>MQENLRFASS GDDVKIWDAS FLTLVDKFNPT HTSPHGISSI CWSSNNNFLV TASSSGDKIV VSSCKCKPVP LLELAEGQKQ TCVDLNSTSM YLASGGLNNT VNIWDLKSKR LHRSLKDHKC EVTVCVAYNWN DCYIASGSLG GEIILHSVTT NTSSTPFGHG SKQPIRHIKY SLFRKSLGGS VSDNGVVTW DVNSQSSYHT FDSTHKAPAS GICFSPVNEL LFVTIGLDRK IILYDTSSKK LVKTLVADTP LTAVDFMPDG ATLAIGSSRG KIYQYDLRML KSPVKTISAH KTSVQCIAFQ YSTSLTKASL SKGSSNKATA VNKRSVPVSS SSGAAQNSGI VREAPSPSIA TVLPQPVTTA LGKGSAAQD EAGLARKST DIFSKETDAG KSQDFSSFDD TGKNSLGDMF SPIRDDAVVS KGGDESIGKG DGLDFLPQLN SVFPLRKNAG ASSSLVLHSS PLNVLMGSSG KEENESHEPS AESKRAYLGK QEPKDAMKQF TKLISSGAEP GILNTCPSSN QARNLEKFEK PEKDIEAQLI HEPSVNGSST TVPKAASSVT AGVASSLSEK IVDTLGNSRP GAPLTSVQIR FIQNMIQETL DDFREACHRD IVNLQVEMIK QFHIQLNEMH SLLERYSVNE GLVAEIERLR EENKRLRAHF</p>

Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

NEDD1

Alternative Name:

Nedd1 ([NEDD1 Products](#))

Background:

Protein NEDD1 (Neural precursor cell expressed developmentally down-regulated protein 1) (NEDD-1),FUNCTION: Required for mitosis progression. Promotes the nucleation of microtubules from the spindle (By similarity). May play an important role during the embryonic development and differentiation of the central nervous system (PubMed:1378265). {ECO:0000250|UniProtKB:Q8NHV4, ECO:0000269|PubMed:1378265}.

Molecular Weight:

71.3 kDa

UniProt:

[P33215](#)

Pathways:

[M Phase](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
