

Recombinant Mouse Nedd9 Protein, Myc/DDK-tagged

Cat. No. Nedd9-4361M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Purified recombinant protein of mouse full-length neural precursor cell expressed, developmentally down-regulated gene 9 (Nedd9), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Docking protein which plays a central coordinating role for tyrosine-kinase-based signaling related to cell adhesion. May function in transmitting growth control signals between focal adhesions at the cell periphery and the mitotic spindle in response to adhesion or growth factor signals initiating cell proliferation. May play an important role in integrin beta-1 or B cell antigen receptor (BCR) mediated signaling in B- and T-cells. Integrin beta-1 stimulation leads to recruitment of various proteins including CRK, NCK and SHPTP2 to the tyrosine phosphorylated form. Required for correct adhesion and migration of T-cells |
| Molecular Mass | 93.5 kDa |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Nedd9 neural precursor cell expressed, developmentally down-regulated gene 9 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Nedd9](#)

Synonyms NEDD9; neural precursor cell expressed, developmentally down-regulated gene 9; enhancer of filamentation 1; mEF1; p105; NEDD-9; CRK-associated substrate-related protein; Crk-associated substrate lymphocyte-specific protein; neural precursor cell expressed developmentally down-regulated protein 9; CasL; HEF1; Cas-L; E230025G09Rik

Gene ID [18003](#)

mRNA Refseq [NM_001111324](#)

Protein Refseq [NP_001104794](#)

UniProt ID [O35177](#)

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