

Neural Precursor Cell Expressed Developmentally Down-Regulated 8

Item Number	rAP-2088
Synonyms	Nedd-8, FLJ43224, MGC104393, MGC125896, MGC125897, NEDD8, Ubiquitin-like protein Nedd8, Neddylin, Neural precursor cell expressed developmentally down-regulated protein 8.
Description	NEDD8 Human Recombinant fused with 37 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 113 amino acids (1-76 a.a.) and having a molecular mass of 12.8 kDa. The NEDD8 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15843
Amino Acid Sequence	MHHHHHHMKI EEGKLVWIN GDKGYNGLAE VGKKFEKDTG IKVTVEHPDK LEEKFPQVAA TGDGPDI- IFW AHRFRGGY AQ SGLLAETPD KAFQDKLYPF TWDAVRYNGK LIAYPIAVEA LSLIYNKDLL PNPPKTWEEI PALDKELKAK GKSALMFNLQ EPYFTWPLIA ADGGYAFKYE NGKYDIKDVG VDNAGAKAGL TFLVDLIK NK HMNADTDYSI AEAAFNKGET AMTINGPWAW SNIIDTSKVNY GVTVLPTFKG QPSKPFVGV L SAGINAASPN KELAKEFLEN YLLTDEGLEA VNKD KPLGAV ALK- SYEEELA KDPRIAATME NAQKGEIMPN IPQMSAFWYA VRTAVINAAS GRQTVDEALK DAQTNSSSNN
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The NEDD8 solution contains 20mM Tris pH 8.0, 50mM NaCl, 0.5mM DTT & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**