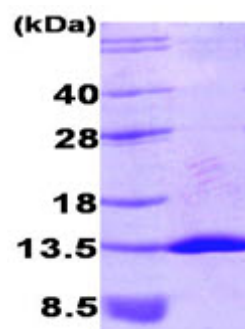


AR09126PU-N

Recombinant human NEDD8 (aa 1-76), His-tagged

Alternate names:	Neural precursor cell expressed developmentally down-regulated protein 8
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	NEDD8 belongs to the ubiquitin family and human NEDD8 shares 60% amino acid sequence identity to ubiquitin. The NEDD8 system is essential for the regulation of protein degradation pathways involved in cell cycle progression, morphogenesis and tumorigenesis. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.
Uniprot ID:	Q15843
NCBI:	NP_006147
GeneID:	4738
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.5 mM DTT, 50 mM NaCl, 10% glycerol Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)
Description:	Recombinant human NEDD8 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques, after refolding of the isolated inclusion body in renaturation buffer. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMLI KVKTLTGKEI EIDIEPTDKV ERIKERVEEK EGIPPQQRL IYSGKQMNDE KTAADYKILG GSVLHLVLAL RGG Molecular weight: 12.8 kDa (113 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Wu K., et al. (2002) J Biol Chem. 277(1): 516-27.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human NEDD8, aa 1-76 (His-tagged): 15% SDS-PAGE (3 μ g)

