

Datasheet for ABIN7319921

NEDD8 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	NEDD8
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human NEDD8
Sequence:	Met1-Gly76
Characteristics:	Recombinant Human Neural precursor cell expressed developmentally down-regulated protein 8 is produced by our E.coli expression system and the target gene encoding Met1-Gly76 is expressed.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NEDD8
Alternative Name:	NEDD8 (NEDD8 Products)
Background:	Background: Human NEDD8 shares 60 % amino acid sequence identity to ubiquitin. The only known substrates of NEDD8 modification are the cullin subunits of SCF ubiquitin E3 ligases. The NEDDylation of cullins is critical for the recruitment of E2 to the ligase complex, thus

Target Details

facilitating ubiquitin conjugation. NEDD8 modification has therefore been implicated in cell cycle progression and cytoskeletal regulation.

Synonym: Neural precursor cell expressed developmentally down-regulated protein 8, NEDD8, Neddylin, Ubiquitin-like protein Nedd8

Molecular Weight:	8.6 kDa
UniProt:	Q15843
Pathways:	Ubiquitin Proteasome Pathway

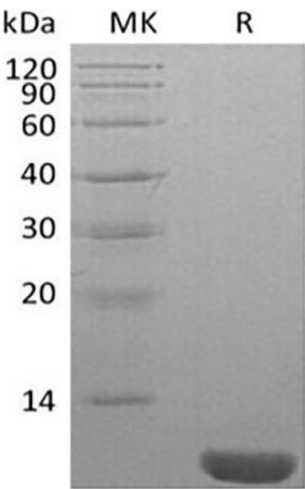
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 250 mM NaCl, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.