

Product Name: NEDD8

Alternate Names:

Product Code: TUB-081

Quantity: 1MG

FOR RESEARCH USE ONLY (RUO)

Storage:

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store $\leq -20^{\circ}\text{C}$ (stable for 48 months from date of receipt).

Verified Applications / Usage

Recombinant NEDD8 is activated for use in vitro by recombinant NEDD8 Activating Enzyme 1. This reaction requires Mg-ATP. Appropriate protein concentrations are specific to the application.

Physical Characteristics

Species: Homo sapiens (Human)

Predicted MW (kDa): 8.6 kDa

Source: E.coli BL21(DE3) A.I.

Purity: 95%

Concentration: 400 μM

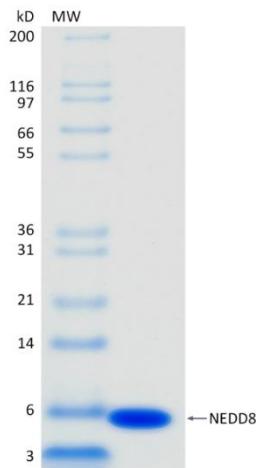
Formulation: 10 mM HEPES, pH 7.6

Shipping: The product is shipped with cold packs or dry ice. Upon receipt, store it immediately at the temperature recommended below.

Stability/Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store $\leq -20^{\circ}\text{C}$ (stable for 48 months from date of receipt).

Quality Assurance

Purity & SDS-PAGE



2 µg NEDD8, run on 4-12% SDS-PAGE gel under reducing conditions, then visualized with Colloidal Coomassie Blue Stain.

Protein ID: Ubiquitin-like protein NEDD8

Background

Description

NEDD8 is a ubiquitin-like molecule that is conjugated to cullin E3 ligases in an ATP-dependent manner; this process requires an E1 (UBA3/APPBP1) and an E2 (UBE2M or UBE2F).

Accession Number: Q15843

Entrez Gene ID: NEDD8

Protein Sequence

MLIKVKTGKEIEIDIEPTDKVERIKERVEEKEGIPPQQQRLIYSGKQMN
DEKTAADYKILGGSVLHLVLALRGG