

Recombinant Human NEDD4 protein, His-tagged

Cat. No. NEDD4-2461H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NEDD4 protein(970-1319 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	970-1319 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	TVLEDSYRRIMGVKRADFLKARLWIEFDGEKGLDYGGVAREWFFLISKEMFNPYYGL FEYSATDNYTLQINPNSGLCNEDHLSYFKFIGRVAGMAVYHGKLLDGGFFIRPFYKMM LHKPITLHDMESVDSEYYNSLRWILENDPTELDLRFIIDEELFGQTHQHELKNGGSEIV VTNKNKKEYIYLVIQWRFVNRIQKQMAAFKEGFFELIPQDLIKIFDENELELLMCGLGD VDVNDWREHTKYKNGYSANHQVIQWFWKAVLMMDSEKRIRLLQFVTGTSRVPMNG FAELYGSNGPQSFTVEQWGTPEKL PRAHTCFNRDLPPYESFEELWDKLQMAIENT QGFDGVD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

NEDD4 neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase [Homo sapiens]

Official Symbol

NEDD4

Synonyms

NEDD4; neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase; neural precursor cell expressed, developmentally down regulated 4; E3 ubiquitin-protein ligase NEDD4; KIAA0093; MGC176705; NEDD4 1; receptor potentiating factor 1; RPF1; NEDD-4; receptor-potentiating factor 1; cell proliferation-inducing gene 53 protein; neural precursor cell expressed developmentally down-regulated protein 4; NEDD4-1;

Gene ID

4734

mRNA Refseq

NM_006154

Protein Refseq

NP_006145

MIM

602278

UniProt ID

P46934

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