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## Certificate of Analysis

**Recombinant Human NEDD4**

**Lot # 22674917B**

**Cat. # E3-290**

### Product Information

<b>Quantity:</b>	50 µg
<b>MW:</b>	88 kDa
<b>Source:</b>	<i>E. coli</i> -derived human NEDD4 protein Contains a N-terminal 6-His tag, Leu570 - Asp1319 Accession # P46934
<b>Stock:</b>	2.2 mg/ml (25 µM) in 50 mM HEPES pH 8.0, 100 mM NaCl, 5 mM DTT, 1 mM EDTA To ensure quantitative protein recovery, centrifuge the vial before opening and make the stock solution in the original vial. Sublimation may occur during storage causing a slight decrease in volume, however, the amount of protein will remain constant.
<b>Purity:</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.

### Use & Storage

<b>Use:</b>	Recombinant Human NEDD 4 is a Ubiquitin Ligase (E3) that functions downstream of a Ubiquitin-activating (E1) enzyme and a Ubiquitin-conjugating (E2) enzyme to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application.
<b>Storage:</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"><li>• 12 months from date of receipt, -70 °C as supplied.</li><li>• 3 months, -70 °C under sterile conditions after opening.</li></ul>

*For research use only. Not for use in humans.*