

## Recombinant Human NEDD4, FLAG-tagged

Cat. No. NEDD4-520H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NEDD4 (amino-acids 150-end) was expressed in a <i>Baculovirus infected Sf9</i> cell expression system with N-terminal FLAG tag, MW= 86 kDa.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>Protein Length</b>	150-end a.a.
<b>Description</b>	E3 ubiquitin-protein ligase NEDD4 is an enzyme that in humans is encoded by the NEDD4 gene.
<b>Formulated In</b>	25 mM Tris-HCl, pH 8.0, 100 mM NaCl, 0.05% Tween-20, 100 µg/ml FLAG peptide, 20% glycerol, and 3 mM DTT.
<b>Application</b>	Useful in conjunction with E1 and E2 for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
<b>Purity</b>	> 60%.
<b>Stability</b>	>6 months at -80°C.

### GENE INFORMATION

<b>Gene Name</b>	NEDD4 neural precursor cell expressed, developmentally down-regulated 4 [ Homo
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	<a href="#">sapiens ]</a>
<b>Synonyms</b>	neural precursor cell expressed, developmentally down-regulated 4; RPF1; NEDD4-1; KIAA0093; MGC176705; NEDD4; receptor-potentiating factor 1; EC 6.3.2.-; NEDD-4; Neural precursor cell expressed developmentally down-regulated protein 4
<b>Gene ID</b>	<a href="#">4734</a>
<b>mRNA Refseq</b>	<a href="#">NM_006154</a>
<b>Protein Refseq</b>	<a href="#">NP_006145</a>
<b>MIM</b>	<a href="#">602278</a>
<b>UniProt ID</b>	<a href="#">P46934</a>
<b>Chromosome Location</b>	15q
<b>Pathway</b>	Endocytosis; Ubiquitin mediated proteolysis
<b>Function</b>	RNA polymerase binding; acid-amino acid ligase activity; beta-2 adrenergic receptor binding; ligase activity; phosphoserine binding; ubiquitin binding ; phosphothreonine binding; proline-rich region binding; protein domain specific binding; sodium channel inhibitor activity; ubiquitin-protein ligase activity

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