

Recombinant Human NEDD4, FLAG-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NEDD4 (amino-acids 150-end) was expressed in <i>aBaculovirus infected Sf9cell</i> expression system with N-terminal FLAG tag, MW= 86 kDa.
Species	Human
Source	Sf9 Cells
ProteinLength	150-end a.a.
Description	E3 ubiquitin-protein ligase NEDD4 is an enzyme that in humans is encoded by the NEDD4 gene.
Formulated In	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.
Application	Useful in conjunction with E1 and E2 for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Purity	> 60%.
Stability	>6 months at -80°C.

GENE INFORMATION

Gene Name	NEDD4 neural precursor cell expressed, developmentally down-regulated 4 [Homo
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	sapiens]
Synonyms	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
Gene ID	4734
mRNA Refseq	NM_006154
Protein Refseq	NP_006145
MIM	602278
UniProt ID	P46934
Chromosome Location	15q
Pathway	Endocytosis; Ubiquitin mediated proteolysis
Function	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