

Product datasheet for **TP726746**

NEDD8 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human NEDD8
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Gly76
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, 5% Trehalose, pH 7.4.
Note:	Recombinant Human Neural precursor cell expressed developmentally down-regulated protein 8 is produced by our E.coli expression system and the target gene encoding Met1-Gly76 is expressed.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	4738
UniProt ID:	Q15843
Synonyms:	Neural precursor cell expressed developmentally down-regulated protein 8; NEDD8; Neddylin; Ubiquitin-like protein Nedd8
Summary:	Human NEDD8 shares 60% amino acid sequence identity to ubiquitin. The only known substrates of NEDD8 modification are the cullin subunits of SCF ubiquitin E3 ligases. The NEDDylation of cullins is critical for the recruitment of E2 to the ligase complex, thus facilitating ubiquitin conjugation. NEDD8 modification has therefore been implicated in cell cycle progression and cytoskeletal regulation.
Protein Families:	Druggable Genome



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