

## Product datasheet for TP321706

### NEDD4 (NM\_006154) Human Recombinant Protein

#### Product data:

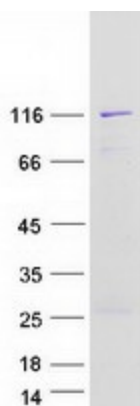
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human neural precursor cell expressed, developmentally down-regulated 4 (NEDD4), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC221706 representing NM_006154 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MATCAVEVFGLLEDEENSRIVRVRVIAGIGLAKKDILGASDPYVRVTLYDPMNGVLTSVQTKTIKKSINP  KWNEEILFRVHPQQHRLLEFVFDENRLTRDDFLGQVDVPLYPLPTENPRLERPYPFKDFVLHPRSHKSRV  KGYLRKMTYLPKTSGEDDNAEQAELEPGWVVLDQPDAAACHLQQQEPSPPLPGWEERQDILGRYYV  NHESRRTQWKRPTPQDNLTDAENGINIQLQAQRAFTTRRQISEETESVDNQESSENWEIIREDEATMYSSQ  AFPSPSSNLDPVTHLAEELNARLTIFGNSAVSQPASSNHSSRRGSLQAYTFEEQPTLPVLLPTSSGL  PPGWEEKQDERGRSYYVDHNSRRTTWTKPTVQATVETSQLTSSQSSAGPQSQASTSDSGQVTPQSEIEQ  GFLPKGWEVRHAPNGRPFIDHNTKTTTWEDPRLKIPAHLRGKTSLDTSNDLGLPPGWEERTHTDGRIF  YINHNIKRTQWEDPRLNVAITGPAVPYSRDYKRKYEFFRRKLLKQNDIPNKFEMKLRRATVLEDSYRRI  MGVKRADFLKARLWIEFDGEKGLDYGGVAREWFFLISKEMFNPHYGLFEYSATDNYTLQINPNSGLCND  HLSYFKFIGRVAGMAVYHGKLLDGGFFIRPFYKMMMLHKPITLHDMESVDSEYYNSLRWILENDPTELDLRF  IIDEELFGQTHQHELKNGGSEIVTNKNKKEYIYLVIQWRFVNRIQKQMAAFKEGFFELIPQDLIKIFDE  NELELLMCGLGDVDVNDWREHTKYKNGYSANHQVIQWFWKAVLMMMDSEKRIRLLQFVTGTSRVPMMNGFAE  LYGSNGPQSFTVEQWGTPEKLPRAHTCFNRLDLPPYESFEELWDKLQMAIENTQGFDGVD</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	104 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_006145</a>
<b>Locus ID:</b>	4734
<b>UniProt ID:</b>	<a href="#">P46934</a>
<b>RefSeq Size:</b>	5749
<b>Cytogenetics:</b>	15q21.3
<b>RefSeq ORF:</b>	2700
<b>Synonyms:</b>	NEDD4-1; RPF1
<b>Summary:</b>	This gene is the founding member of the NEDD4 family of HECT ubiquitin ligases that function in the ubiquitin proteasome system of protein degradation. The encoded protein contains an N-terminal calcium and phospholipid binding C2 domain followed by multiple tryptophan-rich WW domains and, a C-terminal HECT ubiquitin ligase catalytic domain. It plays critical role in the regulation of a number of membrane receptors, endocytic machinery components and the tumor suppressor PTEN. [provided by RefSeq, Jul 2016]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Endocytosis, Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified NEDD4 protein (Cat# TP321706). The protein was produced from HEK293T cells transfected with NEDD4 cDNA clone (Cat# [RC221706]) using MegaTran 2.0 (Cat# [TT210002]).