

Product datasheet for **TP321706M**

NEDD4 (NM_006154) Human Recombinant Protein

Product data:

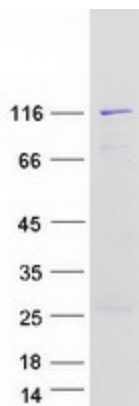
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neural precursor cell expressed, developmentally down-regulated 4 (NEDD4), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221706 representing NM_006154 Red =Cloning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



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006145
Locus ID:	4734
UniProt ID:	P46934
RefSeq Size:	5749
Cytogenetics:	15q21.3
RefSeq ORF:	2700
Synonyms:	NEDD4-1; RPF1
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	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]).