

Product datasheet for PH321706

NEDD4 (NM_006154) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NEDD4 MS Standard C13 and N15-labeled recombinant protein (NP_006145)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221706
Predicted MW:	104 kDa
Protein Sequence:	>RC221706 representing NM_006154 Red=Cloning site Green=Tags(s)

MATCAVEVFGLEDEENSRIVRVRIAGIGLAKKDILGASDPYVRVTLYDPMNGVLTSTVQTKTIKSLNP
KWNEEILFRVHPQQHRLLEFVFDENRLTRDDFLGQVDVPLYPLPTENPRLERPYTFKDFVLHPRSHKSRV
KGYLRKMTYLPKTSGEEDNAEQAELEPGWVLDQPDAAACHLQQQEPSPLPPGWEERQDILGRYYYY
NHESRRTQWKRPTPDNL TDAENGNLQAQRAF TTRRQISEETESVDNQESSENWEI IREDEATMYSSQ
AFPSPSSNLDVPTHLAEELNARLTIFGNSAVSQPASSNHSSRRGSLQAYTFEEQPTLPVLLPTSSGL
PPGWEEKQDERGRSYYVDHNSRTTTWTKPTVQATVETSQLTSSQSSAGPQSQASTSDSGQVTPSEIEQ
GFLPKGWVVRHAPNGRPF FIDHNTKTTTWEDPRLKIPAHLRGKTSLDTSNDLGPLPPGWEERTHTDGRIF
YINHNKRTQWEDPRLNVAITGPAVPYSRDYKRKYEFRRRKLKKQNDIPNKFEMKLRRATVLEDSYRRI
MGVKRADFLKARLWIEFDGEKGLDYGGVAREWFFLISKEMFNYYGLFEYSATDNYTLQINPNSGLCNE
HLSYFKFGRVAGMAVYHGKLLDGFFIRPFYKMMMLHKPITLHDMESVDSEYYNSLRWILENDPTELDLRF
IIDEELFGQTHQHELKNGGSEIVVTNKNKEYIYLVIQWRFVNRIQKQMAAFKEGFFELIPQDLIKIFDE
NELELLMCGLGDVDVNDWREHTKYKNGYSANHQVIQWFWKAVLMMSEKRIRLLQFVTGTSRVPMNGFAE
LYGSNGPQSFTVEQWGTPEKLPRAHTCFNRLDLPPYESFEELWDLKQMAIENTQGFQDGV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



[View online »](#)

RefSeq: [NP_006145](#)

RefSeq Size: 5749

RefSeq ORF: 2700

Synonyms: NEDD4-1; RPF1

Locus ID: 4734

UniProt ID: [P46934](#)

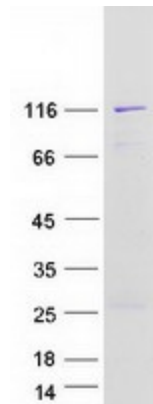
Cytogenetics: 15q21.3

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]).