

Product datasheet for TP327866

NEDD4 2 (NEDD4L) (NM_001144964) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens neural precursor cell expressed, developmentally down-regulated 4-like (NEDD4L), transcript variant b, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227866 representing NM_001144964 Red =Cloning site Green =Tags(s)

MERPYTFKDFLLRPRSHKSRVKGFLRLKMAYMPKNGGQDEENSQDRDDMEHGWEVDSNDSASQHQEELP
PPPLPPGWEEKVDNLGRYYVNHNNRRTTQWHRPSLMDVSSSESDNNIRQINQEAHRRFRSRRHISEDLEP
EPSEGGDVPEPWETISEEVNIAGDSLGLALPPPASPGRSRTSPQELSEELSRRLQITPDSNGEQFSSLIQ
REPSSRLRSCSVTDAVAEQGHLPPPSAPAGRARSSTVTGGEEPTPSVAVVHTTGLPSGWEERKDAKGR
YYVNHNNRRTTWTWPIMQLAEDGASGSATNSNNHLIEPQIRRPRLSSPTVTLAPLEGAKDSPVRRAVK
DTLSNPQSPQSPYNSPKPQHKVTQSFLPPGWEMRIAPNGRPFIDHNTKTTTWEDPRLKFPVHMRSKTS
LNPNDLGPLPPGWEERIHLDGRTFYIDHNSKITQWEDPRLQNPATGPAVPYSREFKQKYDYFRKKLKKP
ADIPNRFEMKLHRNNIFEESYRRIMSVKRPDVLKARLWIEFESEKGLDYGGVAREWFFLLSKEMFNPPY
LFEYSATDNYTLQINPNSGLCNEDHLSYFTFIGRVAGLAVFHGKLLDGGFFIRPFYKMMLGKQITLNDMES
VDSEYYNSLKWILENDPTELDLMFCIDEENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRFVNRVQ
KQMNAFLEGFTPELLIDLIKIFDENELELLMCGLGDVDVNDWRQHSIYKNGYCPNHPVIQWFWKAVLLMD
AEKRIRLLQFVTGTSRVP MNGFAELYGSNGPQLFTIEQWGSPEKLPRAHTCFNRDLPPYETFEDLREKL
LMAVENAQGFEGVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

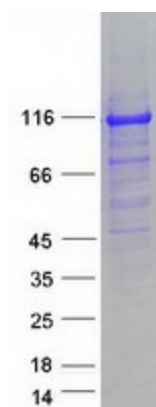
Tag:	C-Myc/DDK
Predicted MW:	98 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_001138436
Locus ID:	23327
UniProt ID:	Q96PU5 , A0A024R2A4
RefSeq Size:	8436
Cytogenetics:	18q21.31
RefSeq ORF:	2562
Synonyms:	hNEDD4-2; NEDD4-2; NEDD4.2; PVNH7; RSP5
Summary:	This gene encodes a member of the Nedd4 family of HECT domain E3 ubiquitin ligases. HECT domain E3 ubiquitin ligases transfer ubiquitin from E2 ubiquitin-conjugating enzymes to protein substrates, thus targeting specific proteins for lysosomal degradation. The encoded protein mediates the ubiquitination of multiple target substrates and plays a critical role in epithelial sodium transport by regulating the cell surface expression of the epithelial sodium channel, ENaC. Single nucleotide polymorphisms in this gene may be associated with essential hypertension. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Mar 2012]
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified NEDD4L protein (Cat# TP327866). The protein was produced from HEK293T cells transfected with NEDD4L cDNA clone (Cat# [RC227866]) using MegaTran 2.0 (Cat# [TT210002]).