

Product datasheet for TP327866L

NEDD4 2 (NEDD4L) (NM_001144964) Human Recombinant Protein

Product data:

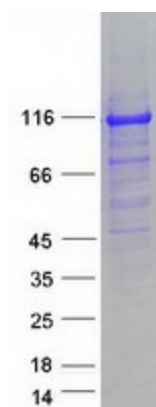
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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens neural precursor cell expressed, developmentally down-regulated 4-like (NEDD4L), transcript variant b, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC227866 representing NM_001144964 Red =Cloning site Green =Tags(s) |
| | <p>MERPYTFKDFLLRPRSHKSRVKGFLRLKMAYMPKNGGQDEENSQDRDDMEHGWEVDSNDSASQHQEELP PPPLPPGWEEKVDNLGRYYVNHNNRRTTQWHRPSLMDVSSSDNNIRQINQEAHRRFRSRRHISEDLEP EPSEGGDVPEPWETISEEVNIAGDSLGLALPPPASPGRSRTSPQELSEELSRRLQITPDSNGEQFSSLIQ REPSSRLRSCSVTDAVAEQGHLPPPSAPAGRARSSTVTGGEEPTPSVAVVHTTGLPSGWEERKDAKGR YYVNHNNRRTTWTWPIMQLAEDGASGSATNSNNHLIEPQIRRPRLSSPTVTLAPLEGAKDSPVRRAVK DTLSNPQSPQSPYNPKPKQHKVTQSFLPPGWEMRIAPNGRPFIDHNTKTTTWEDPRLKFPVHMRSKTS LNPNDLGPLPPGWEERIHLDGRTFYIDHNSKITQWEDPRLQNPATGPAVPYSREFKQKYDYFRKKLKKP ADIPNRFEMKLHRNNIFEESYRRIMSVKRPDVLKARLWIEFESEKGLDYGGVAREWFFLLSKEMFNPPYGG LFEYSATDNYTLQINPNSGLCNEHLSYFTFIGRVAGLAVFHGKLLDGGFFIRPFYKMMLGKQITLNDMES VDSEYYNSLKWILENDPTELDLMFCIDEENFGQTYQVDLKPNGSEIMVTNENKREYIDLVIQWRFVNRVQ KQMNAFLEGFTPELLIDLIKIFDENELELLMCGLGDVDVNDWRQHSIYKNGYCPNHPVIQWFWKAVLLMD AEKRIRLLQFVTGTSRVPMNGFAELYGSNGPQLFTIEQWGSPEKLPRAHTCFNRDLPPYETFEDLREKL LMAVENAQGFEGVD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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]).