

Product datasheet for PH327981

NELL2 (NM_001145110) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NELL2 MS Standard C13 and N15-labeled recombinant protein (NP_001138582)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227981
Predicted MW:	94 kDa
Protein Sequence:	>RC227981 representing NM_001145110 Red=Cloning site Green=Tags(s)

MSIRRLILILKIGRRWTELIRTMESRVLLRTEFLIFGLGAVWGLGVDPSLQIDVLTELELGESTTGVRQ
VPGLHNGTKAFLFQDTPRSIKASTATAEQFFQKLRNKHEFTILVTLKQTHLNSGVILSIHHLDRHYLELE
SSGHRNEVRLHYRSGSHRPHTVEVPYILADDKWHKLSLAISASHLILHIDCNKIYERVVEKPSTDLPLGT
TFWLGQRNNAHG YFKGIMQDVQLLVMPQGFIAQCPDLNRTCPTCNDFHGLVQKIMELQDILAKTSAKLSR
AEQRMNRLDQCYCERTCTMKGTTYREFESWIDGCKNCTCLNGTIQ CETLICPNPDCPLKSALAYVDGKCC
KECKSICQFQGRTYFEGERN TVYSSSGVCVLYECKDQTMKLVESGCPALDCPESHQITLSHSCCKVCKG
YDFCSERHNCMENSICRNLNDRAVCSRDGFRALREDNAYCEDIDECAEGRHYCRENTMCVNTPGSFMCI
CKTGYIRIDDYSCTEHDECITNQHNCDENALCFNTVGGHNCVCKPGYTGNGTTCKAFCKDQCRNGGACIA
ANVCACQPQGTG PSCETDIDECSDFVQCDSRANCINLPGWYHCECRDGYHDNGMFPSPGESCEDI DECG
TGRHSCANDTICFNLDGGYDCRCPHGKNC TGDCIHDGKVKHNGQI WVLENDRCVSCSQNGFVMCRRMVC
DCENPTVDLFCPECDPRLSSQCLHQNGETLYNSGDTWVQNCQQCRCLQGEVDCWPLPCPDVECEFSILP
ENECCPRCVTDPCQADTIRNDITKTCLDEMNVVRF TGSSWIKHGTECTLCQCKNGHICCSVDPQCLQEL

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.
RefSeq:	NP_001138582



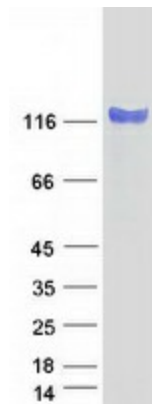
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RefSeq ORF: 2517
Synonyms: NRP2
Locus ID: 4753
UniProt ID: [Q99435](#)
Cytogenetics: 12q12

Summary: The protein encoded by this gene is a glycoprotein containing several von Willebrand factor C domains and epidermal growth factor (EGF)-like domains. The encoded protein acts as a homotrimer and is found in the cytoplasm. Several variants encoding a few different isoforms exist, and at least one isoform appears to be a secreted protein. Studies in mouse suggest that this protein plays a role in neural cell growth and differentiation as well as in oncogenesis. [provided by RefSeq, Feb 2009]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified NELL2 protein (Cat# [TP327981]). The protein was produced from HEK293T cells transfected with NELL2 cDNA clone (Cat# [RC227981]) using MegaTran 2.0 (Cat# [TT210002]).