

Recombinant Human NELL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NELL2-6562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NELL2 MS Standard C13 and N15-labeled recombinant protein (NP_001138582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	94 kDa
AA Sequence	MSIRLLILILKIGRRWTELIRTMESRVLLRTFCLIFGLGAVWGLGVDPSSLQIDVLTELE LGESTTGVRQVPGLHNGTKAFLFQDTPRSIKASTATAEQFFQKLNRNKEFTILVTLKQ THLNSGVILSIHHLDRYLELESSGHRNEVRLHYRSGSHRPHTEVFPYILADDKWHK LSLAISASHLILHIDCNKIYERVVEKPSTDLPGLTTFWLGRNNAHGYFKGIMQDVQLL VMPQGFIACPDNLNRTCPTCNDFHGLVQKIMELQDILAKTSAKLSRAEQRMNRLDQ CYCERTCTMKGTTYREFESWIDGCKNCTCLNGTIQCETLICPNPD CPLKSALAYVDG KCKECKSICQFQGRTYFEGERN TVYSSSGVCVLYECKDQTMKLVESGCPALDCP

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ESHQITLSHSCCKVCKGYDFCSERHNCMENSICRNLNDRAVCSRDGFRALREDNA
 YCEDIDECAEGRHYCRENTMCVNTPGSFMCIKCTGYIRIDDYSCTEHDECITNQHNC
 DENALCFNTVGGHNCVCKPGYTGNNGTTCKAFCKDGCNRNGGACIAANVCACPQGFT
 GPSCETDIDECSDGFVQCDSRANCINLPGWYHCECRDGYHDNGMFSPSGESCEDI
 DECGTGRHSCANDTICFNLDDGGYDCRCPHGKNCTGDCIHDGKVKHNGQIWVLEND
 RCSVCSCQNGFVMCRRMVDCENPTVDLFCCPECDPRLSSQCLHQNGETLYNSG
 DTWVQNCQQCRCLQGEVDCWPLPCPDVECEFSILPENECPCRCVTDPCQADTIRN
 DITKTCLDEMNVVRFTGSSWIKHGTECTLQCKNGHICCSVDPQCLQELTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NELL2 neural EGFL like 2 [Homo sapiens (human)]

Official Symbol NELL2

Synonyms NELL2; NEL-like 2 (chicken); nel (chicken) like 2; protein kinase C-binding protein NELL2; NRP2; NEL-like protein 2; NEL-related protein 2; neural epidermal growth factor-like 2;

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Gene ID	4753
mRNA Refseq	NM_001145110
Protein Refseq	NP_001138582
MIM	602320
UniProt ID	Q99435
SDS-PAGE	