

Recombinant Human NELL2

Cat. No. NELL2-29300TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NELL2 (amino acids 1-816) with N terminal proprietary tag,.
Species	Human
Source	Wheat Germ
ProteinLength	816 amino acids
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 Weight	118.300kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequence Contains 6 EGF-like domains.Contains 1 TSP N-terminal (TSPN) domain.Contains 5
Similarities VWFC domains.

GENE INFORMATION

Gene Name [NELL2 NEL-like 2 \(chicken\) \[Homo sapiens \]](#)

Official Symbol [NELL2](#)

Synonyms NELL2; NEL-like 2 (chicken); nel (chicken) like 2; protein kinase C-binding protein
 NELL2; NRP2;

Gene ID [4753](#)

mRNA Refseq [NM_001145107](#)

Protein Refseq [NP_001138579](#)

MIM [602320](#)

Uniprot ID [Q99435](#)

**Chromosome
 Location** 12q12

Function calcium ion binding; calcium ion binding; protein binding; structural molecule activity;
 structural molecule activity;

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