

Recombinant Human NELL2

Cat. No. NELL2-29302TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human NELL2 with N terminal proprietary tag. Predicted MW 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 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	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	cycles.
Sequences of amino acids	IQCETLICPNPDCPLKSALAYVDGKCCKECKSICQFQGRTYFEGERN TVYSSSGVCV LYECKDQTMKLVESSGCPALDCPESHQITLSHSCCKVCKGYDF
Sequence Similarities	Contains 6 EGF-like domains.Contains 1 TSP N-terminal (TSPN) domain.Contains 5 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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