

Recombinant Human NELL2 protein, His & T7-tagged

Cat. No. NELL2-1915H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NELL2 aa. (Pro64~Lys331 (Accession # Q99435)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro64~Lys331
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.5

GENE INFORMATION

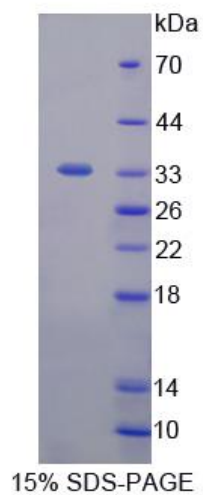
Gene Name	NELL2 neural EGFL like 2 [Homo sapiens (human)]
Official Symbol	NELL2
Synonyms	NELL2; neural EGFL like 2; NRP2; protein kinase C-binding protein NELL2; NEL-like protein 2; NEL-related protein 2; neural epidermal growth factor-like 2
Gene ID	4753
mRNA Refseq	NM_001145107.1
Protein Refseq	NP_001138579.1
UniProt ID	Q99435

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SDS-PAGE



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