

## NELL2 Protein, Human (sf9, His)

Cat. No.:	HY-P75936
Synonyms:	Protein kinase C-binding protein NELL2; NEL-like protein 2; NELL2; NRP2
Species:	Human
Source:	Sf9 insect cells
Accession:	Q99435 (M1-L816)
Gene ID:	4753
Molecular Weight:	Approximately 110 kDa

### PROPERTIES

Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice

### DESCRIPTION

Background	NELL2 protein is indispensable for neuron survival, acting through the modulation of MAPK pathways. It plays a crucial role in the regulation of hypothalamic gonadotropin-releasing hormone (GNRH) secretion and is implicated in the control of puberty. Structurally, NELL2 forms homotrimers, and its functional associations extend to the binding of PKC beta-1, suggesting intricate molecular interactions involved in its regulatory roles.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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