

Recombinant Full Length Human NELL1 Protein

Cat. No. NELL1-336HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NELL1 with N terminal proprietary tag; Predicted MWt 115.17 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	810 amino acids
Description	This gene encodes a cytoplasmic protein that contains epidermal growth factor (EGF)-like repeats. The encoded heterotrimeric protein may be involved in cell growth regulation and differentiation. A similar protein in rodents is involved in craniosynostosis. Two transcript variants encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	115.170kDa inclusive of tags
AA Sequence	MPMDLILVWFCVCTARTVVGFGMDPDLQMDIVTELDLVN TTLGVAQVSGMHNAS KAFLFQDIEREIHAAPHVSEKLIQL FRNKSEFTILATVQQKPSTSGVILSIRELEHSYFE LESSG LRDEIRYHYIHNGKPRTEALPYRMADGQWHKVALSVSASH LLLHVDCNRIY ERVIDPPDTNLPPGINLWLGQRNQKHGLF KGIIQDGKIIFMPNGYITQCPNLNHTCPT CSDFLSLVQGI MDLQELLAKMTAKLNYAETRLSQLENCHCEKTCQVSGLLY RDQDS WVDGDHCRNCTCKSGAVECRRMSCPPLNCSPDSLP VHAGQCCKVCRPKCIYGG

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KVLAEGQRILTKSCRECRGGV LVKITEMCPPLNCSEKDHILPENQCCRVCRGHNFC
 AEGPK CGENSECKNWNKATCECKSGYISVQGDSAYCEDIDECAA KMHYCHANT
 VCVNLPGLYRCDVPGYIRVDDFSCTEHDEC GSGQHNCDENAICTNTVQGHSTC
 KPGYVGNGTICRAFCE EGCYGGTCVAPNKCVCPSGFTGSHCEKDIDECSEGIIEC
 HNHSRCVNLPGWYHCECRSGFHDDGTYSLSGESCIDIDEC ALRTHTCWNDSACIN
 LAGGFDCPCSPSGDCPHEGGL KHNGQVWTLKEDRCSVCCKDKGIFCRRT
 ACDCQNPSADL FCCPECDTRVTSQCLDQNGHKLYRSGDNWTHSCQQCRCLE GE
 VDCWPLTCPNLSCEYTAILEGECCPRCVSDPCLADNIT YDIRKTCLDSYGVSRLSGS
 VWTMAGSPCTTCKCKNGRVCC SVDFECLQNN

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [NELL1 NEL-like 1 \(chicken\) \[Homo sapiens \]](#)

Official Symbol [NELL1](#)

Synonyms NELL1; NEL-like 1 (chicken); nel (chicken) like 1; protein kinase C-binding protein
 NELL1; FLJ45906; IDH3GL

Gene ID [4745](#)

mRNA Refseq [NM_006157](#)

Protein Refseq [NP_006148](#)

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MIM	602319
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UniProt ID	Q92832
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