

Recombinant Human NELL1

Cat. No. NELL1-29225TH **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	Wheat Germ
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.
Molecular Weight	115.170kDa 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 cycles.

 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

Sequences of amino acids

MPMDLILVWFCVCTARTVVGFMDPDLQMDIVTELDLVN TTLGVAQVSGMHNAS
 KAFLFQDIEREIHAAPHVSEKLIQL FRNKSEFTILATVQQKPSTSGVILSIRELEHSYFE
 LESSG LRDEIRYHYIHNGKPRTEALPYRMADGQWHKVALSVSASH LLLHVDCNRIY
 ERVIDPPDTNLPPGINLWLGQRNQKHGLF KGIIQDGGKIIFMPNGYITQCPNLNHTCPT
 CSDFLSLVQGI MDLQELLAKMTAKLNYAETRLSQLENCHCEKTCQVSGLLY RDQDS
 WVDGDHCRNCTCKSGAVECRRMSCPPLNCSPDSLP VHIAQCCKVCRPKCIYGG
 KVLAEGQRILTKSCRECRGGV LVKITEMCPPLNCSEKDHILPENQCCRVCGRHNF
 AEGPK CGENSECKNWNKATCECKSGYISVQGDSAYCEDIDECAA KMHYCHANT
 VCVNLPGLYRCDVPGYIRVDDFSCTEHDEC GSGQHNCDENAICTNTVQGHSC
 KPGYVNGTICRAFCE EGCYGGTCVAPNKCVCPSGFTGSHCEKDIDECSEGIIEC
 HNHSRCVNLPGWYHCECRSGFHDDGTYSLSGESCIDIDEC ALRHTCWNDSACIN
 LAGGFDCLCPSGSCSGDCPHEGGL KHNGQVWTLKEDRCSVCCKDGKIFCRRT
 ACDCQNPSADL FCCPECDTRVTSQCLDQNGHKLYRSGDNWTHSCQQCRCLE GE
 VDCWPLTCPNLSCEYTAILEGECCPRCVSDPCLADNIT YDIRKTCLDSYGVSRLSGS
 VWTMAGSPCTTCKCKNGRVCC SVDFECLQNN

Sequence Similarities

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

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

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mRNA Refseq	NM_006157
Protein Refseq	NP_006148
MIM	602319
Uniprot ID	Q92832
Chromosome Location	11p15.1
Function	calcium ion binding; protein kinase C binding; structural molecule activity;

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