

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: 8.00 Constituents: 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

MPMDLILVVWFCVCTARTVVGFMDPDLQMDIVTELDLVN TTLGVAQVSGMHNAS
 KAFLFQDIEREIHAAPHVSEKLIQL FRNKSEFTILATVQQKPSTSGVILSIRELEHSYFE
 LESSG LRDEIRYHYIHNGKPRTEALPYRMADGQWHKVALSVSASH LLLHVDCNRIY
 ERVIDPPDTNLPPGINLWLGQRNQKHGLF KGIIQDGGKIIFMPNGYITQCPNLNHTCPT
 CSDFLSLVQGI MDLQELLAKMTAKLNYAETRLSQLENCHCEKTCQVSGLLY RDQDS
 WVDGDHCRNCTCKSGAVECRRMSCPPLNCSPDPLP VHIAGQCCKVCRPKCIYGG
 KVLAEGQRILTKSCRECRGGV LVKITEMCPPLNCSEKDHILPENQCCRVCRGHNFC
 AEGPK CGENSECKNWNKATCECKSGYISVQGDSAYCEDIDECAA KMHYCHANT
 VCVNLPGLYRCDVPGYIRVDDFSCTEHDEC GSGQHNCDENAICTNTVQGHSCCTC
 KPGYVGNGTICRAFCE EGCYGGTCVAPNKCVCPSGFTGSHCEKDIDECSEGIIEC
 HNHSRCVNLPGWYHCECRSGFHDDGTYSLSGESCIDIDEC ALRHTTCWNSACIN
 LAGGFDCPCSPGSCSGDCPHEGGL KHNGQVWTLKEDRCSVCCKDKGIFCRRT
 ACDCQNPSADL FCCPECDTRVTSQCLDQNGHKLYRSGDNWTHSCQQCRCLE GE
 VDCWPLTCPNLSCEYTAILEGECCPRCVSDPCLADNIT YDIRKTCLDSYGVSRLSGS
 VWTMAGSPCTTCKCKNGRVCC SVDFECLQNN

Sequence

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

Similarities

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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