

Recombinant Human NELL1 Protein, 20-810, C-His-Avi tagged, Biotinylated

Cat. No. NELL1-02HFB Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant human NELL1 protein (20-810) with C-His-Avi tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-810
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. Alternative splicing results in multiple transcript variants.
Conjugation/Label	Biotin
Molecular Mass	90 kDa
AA Sequence	FGMDPDLQMDIVTELDLVNTTLGVAQVSGMHNASKAFLFQDIEREIHAAPHVSEKLIQ LFRNKSEFTILATVQQKPKSTSGVILSIRELEHSYFELESSGLRDEIRYHYIHNGKPRTE ALPYRMADGQWHKVALSVSASHLLLHVDCNRIYERVIDPPDTNLPPGINLWLGQRN QKHGLFKGIQDGKIIFMPNGYITQCPNLNHTCPTCSDFLSLVQGIMDLQELLAKMTA KLNYAETRLSQLENCHCEKTCQVSGLLYRDQDSWVDGDHCRNCTCKSGAVECRR MSCPPLNCSPDSLPHIAGQCCKVCRPKCIYGGKVLAEQQRILTKSCRECRGGVLV

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KITEMCPPLNCSEKDHILPENQCCRVCRGHNFCAEGPKCGENSECKNWNTKATCE
 CKSGYISVQGDSAYCEDIDECAAKMHYCHANTVCVNLPGLYRCDVPGYIRVDDFS
 CTEHDECGSGQHNCDENAICTNTVQGHSTCKPGYVGNGTICRAFCEEGCRYGGT
 CVAPNKVCVPSGFTGSHCEKDIDECSEGIIECHNHSRCVNLPGWYHCECRSGFHDD
 GTYSLSGESCIDIDECALRTHTCWNSACINLAGGFDCCLCPSGSPSCSGDCPHEGGL
 KHNGQVWTLKEDRCSVCCKDGGKIFCRRTACDCQNPSADLFCCPECDTRVTSQCL
 DQNGHKLYRSGDNWTHSCQQCRCLGEVDCWPLTCPNLSCEYTAILEGECCPRCV
 SDPCLADNITYDIRKTCLDSYGVSRLSGSVWTMAGSPCTTCKCKNGRVCCSVD FEC
 LQNNHHHHHHHGLNDIFEAQKIEWHE

Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.03 mg/mL by BCA
Storage Buffer	Sterile PBS, pH7.4
Conjugation	Biotin

GENE INFORMATION

Gene Name	NELL1 neural EGFL like 1 [Homo sapiens (human)]
Official Symbol	NELL1
Synonyms	NELL1; NEL-like 1 (chicken); nel (chicken) like 1; protein kinase C-binding protein NELL1; FLJ45906; IDH3GL; NEL-like protein 1; nel-related protein 1; neural

epidermal growth factor-like 1; NRP1

Gene ID 4745**mRNA Refseq** NM_006157**Protein Refseq** NP_006148**MIM** 602319**UniProt ID** Q92832

Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified NELL1.

1. NELL1
2. BSA

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