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 LFRNKSEFTILATVQQKPSTSGVILSIRELEHSYFELESSGLRDEIRYHYIHNGKPRTE ALPYRMADGQWHKVALSVSASHLLLHVDCNRIYERVIDPPDTNLPPGINLWLGQRN QKHGLFKGIIQDGKIIFMPNGYITQCPNLNHTCPTCSDFLSLVQGIMDLQELLAKMTA KLNYAETRLSQLENCHCEKTCQVSGLLYRDQDSWVDGDHCRNCTCKSGAVECRR MSCPPLNCSPDSLPVHIAGQCCKVCRPKCIYGGKVLAEGQRILTKSCRECRGGVLV

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	KITEMCPPLNCSEKDHILPENQCCRVCRGHNFCAEGPKCGENSECKNWNTKATCE CKSGYISVQGDSAYCEDIDECAAKMHYCHANTVCVNLPGLYRCDCVPGYIRVDDFS CTEHDECGSGQHNCDENAICTNTVQGHSCTCKPGYVGNGTICRAFCEEGCRYGGT CVAPNKCVCPSGFTGSHCEKDIDECSEGIIECHNHSRCVNLPGWYHCECRSGFHDD GTYSLSGESCIDIDECALRTHTCWNDSACINLAGGFDCLCPSGPSCSGDCPHEGGL KHNGQVWTLKEDRCSVCSCKDGKIFCRRTACDCQNPSADLFCCPECDTRVTSQCL DQNGHKLYRSGDNWTHSCQQCRCLEGEVDCWPLTCPNLSCEYTAILEGECCPRCV SDPCLADNITYDIRKTCLDSYGVSRLSGSVWTMAGSPCTTCKCKNGRVCCSVDFEC LQNNHHHHHHHHGLNDIFEAQKIEWHE
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

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	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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