

Recombinant Human NELL1

Cat. No. NELL1-29226TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human NELL1 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 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	36.630kDa 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.

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Sequences of amino acids	CRRMSCPPLNCSPDSLVPVHIAGQCCCKVCRPKCIYGGKVLAEGQRILTKSCRECRGG VLVKITEMCPPLNCSEKDHILPENQCCRVCRGHNFCAEGPKCGE
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
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;