

## Recombinant Human NELL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2000	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human NELL1 Protein is produced by our Mammalian expression system and the target gene encoding Arg17-Asn810 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
<b>Gene Symbol</b>	NELL1
<b>Alternative Names</b>	NRP1; Protein kinase C-binding protein NELL1; NEL-like protein 1; Nel-related protein 1
<b>Entrez Gene</b>	4745 (Human)
<b>SwissProt</b>	Q92832 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	RTVVGFGMDP DLQMDIVTEL DLVNTTLGVA QVSGMHNASK AFLFQDIERE IHAAPHVSEK LIQLFQNKSE FTILATVQQK PSTSGVILSI RELEHSYFEL ESSGLRDEIR YHYIHNGKPR TEALPYRMAD GQWHKVALSV SASHLLLHVD CNRIYERVID PPDTNLPPGI NLWLGQRNQK HGLFKGIIQD GKIIFMPNGY ITQCPNLNHT CPTCSDFLSL VQGIMDLQEL LAKMTAKLNY AETRLSQLEN CHCEKTCQVS GLLYRDQDSW VGDGHCNRNCT CKSGAVECRR MSCPPLNCSP DSLPHVIAGQ CCKVCRPKCI YGGKVLAEGQ RILTKSCREC RGGVLVKITE MCPPLNCSEK DHILPENQCC RVCGRHNFCA EGPKCGENSE CKNWNTKATC ECKSGYISVQ GDSAYCEDID ECAAKMHYCH ANTVCVNLPG LYRCDCVPGY IRVDDFSCTE HDECGSGQHN CDENAICTNT VQGHSTCKP GYVGNGTICR AFCEEGCRYG GTCVAPNKCVCPSGFTGSHC EKDIDECSEG IIECHNHSRC VNLPGWYHCE CRSGFHDDGT YSLSGESCID IDECALRTHC CWNDSACINL

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

AGGFDCLCPS GPSCSGDCPH EGGLKHNGQV WTLKEDRCSV CCKDKGKIFC RRTACDCQNP  
SADLFCCPEC DTRVTSQCLD QNGHKLYRSG DNWTHSCQQC RCLEGEVDCW PLTCPNLSCE  
YTAILEGECC PRCVSDPCLA DNITYDIRKT CLDSYGVSRL SGSVWTMAGS PCTTCKCKNG  
RVCCSVD FEC LQNNLDHHHH HH

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

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