



Recombinant Rat NELL1 Protein Product Manual

1. Product Basic Information

Product No.: REP07583

Protein Name: Neural Egfl Like Neural Epidermal Growth Factor-Like Protein Kinase C-Binding Protein Nell1 (NELL1)

Aliases: neural EGFL like neural epidermal growth factor-like protein kinase C-binding protein NELL1

UniProt ID: Q92832

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92832/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (22-810aa)

Molecular Weight: 93.9000

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (22-810aa)

FGMDPDLQLDIISELDLVNTTLGVTQVAGLHNASKAFLFQDVQREIHSAPHVSEKLIQ
LFRNKSEFTFLATVQQKPSTSGVILSIRELEHSYFELESSGPREEIRYHYIHGGKPRT
EALPYRMADGQWHKVALSVSASHLLLHIDCNRIYERVIDPPETNLPPGSNLWLQQR
NQKHGFFFKGIIQDGKII FMPNGFITQCPNLNRTCPTCSDFLSLVQGIMDLQELLAKMT
AKLNYAETRLGQLENCHCEKTCQVSGLLYRDQDSWVDGDNCRNCTCKSGAVECR
RMSCPPLNCSPDSLPHISGQCCKVCRPKCIYGGKVLAEGQRILTKTCRECRGGVL
VKITEACPPLNCSAKDHILPENQCCRVCPGHNFCAEAPKCGENSECKNWNTKATC
ECKNGYISVQGN SAYCEDIDECAAKMHYCHANTVCVNLPGLYRCDCVPGYIRVDDF
SCTEHDDCGSGQHNC DKNAICTNTVQGHSC TCQPGYVGN GTICKAFCEE GCRYG
GTCVAPNKCVCPSGFTGSHCEKDIDECAEGFVECHNHSRCVNLPGWYHCECRSG
FHDDGTYSLSGESCIDIDE CALRTHTCWNDSACINLAGGFDC LCPSPGSCSGDCPH
EGGLKHNGQVWILREDRCSVCCKDGKIFCRRTACDCQNPVDFCCPECDTRVT
SQCLDQSGQKLYRSGDNWTHSCQQCRCLEGEADCWPLACPSLGCEYTAMFEGE
CCPRCVSDPCLADNIAYDIRKTCLDSFGVSR LSGAVWTMAGSPCTTCKCKNGRVC
CSVDLECIENN



3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Rat NELL1 full length of mature protein protein (22-810aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. NELL1, also known as neural EGFL like neural epidermal growth factor-like protein kinase C-binding protein NELL1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.