



Recombinant Human Protein kinase C-binding protein NELL2 (NELL2)

| | |
|--------------------------|--|
| Product Code | CSB-MP859098HU |
| Abbreviation | NELL2 |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q99435 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | <p> LGVDPSLQI DVLTELELGE STTGVRQVPG LHNGTKAFLF QDTPRSIKAS TATAEQFFQK LRNKHEFTIL VTLKQTHLNS GVILSIHHL D HRYLELESSG HRNEVRLHYR SGSHRPHTTEV FPYILADDKW HKLSLAISAS HLILHIDCNK IYERVVEKPS TDLPLGTTFW LGQRNNAHGY FKGIMQDVQL LVMPQGFIAQ CPDLNRTCPT CNDFHGLVQK IMELQDILAK TSAKLSRAEQ RMNRLDQCYC ERTCTMKGTT YREFESWIDG CKNCTCLNGT IQCETLICPN PDCPLKSALA YVDGKCKKEC KSICQFQGR YFEGERNVY SSSGVCVLYE CKDQTMKLVE SSGCPALDCP ESHQITLSHS CCKVCKGYDF CSERHNCMEN SICRNLNDRA VCSCRDGFRA LREDNAYCED IDECAEGRHY CRENTMCVNT PGSFMCICKT GYIRIDDYSC TEHDECITNQ HNCDENALCF NTVGGHNCVC KPGYTGNGTT CKAFCKDGCR NGGACIAANV CACPQGFTGP SCETDIDECS DGFVQCDSRA NCINLPGWYH CECRDGYHDN GMFSPSGESC EDIDECGTGR HSCANDTICF NLDGGYDCRC PHGKNCTGDC IHDGKVKHNG QIWLLENDRC SVCSCQNGFV MCRRMVCDC E NPTVDLFCCP ECDPRLSSQC LHQNGETLYN SGDTWVQNCQ QCRCLQGEVD CWPLPCPDVE CEFSILPENE CCPRCVTDPC QADTIRNDIT KTCLDEMNVV RFTGSSWIKH GTECTLCQCK NGHICCSVDP QCLQEL </p> |
| Source | Mammalian cell |
| Target Names | NELL2 |
| Protein Names | Recommended name: Protein kinase C-binding protein NELL2 Alternative name(s): NEL-like protein 2 Nel-related protein 2 |
| Expression Region | 22-816 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | This protein is a glycoprotein containing several von Willebrand factor C |



domains and epidermal growth factor (EGF)-like domains. The encoded protein acts as a homotrimer and is found in the cytoplasm. Several variants encoding a few different isoforms exist, and at least one isoform appears to be a secreted protein. Studies in mouse suggest that this protein plays a role in neural cell growth and differentiation as well as in oncogenesis.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.