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## Product Datasheet

### Recombinant human CAMK2N1 protein NBS-PAT-X7CMGD-50

|                          |                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant human CAMK2N1 protein                                                                                                                                                                                                                                                       |
| Artikelnummer            | NBS-PAT-X7CMGD-50                                                                                                                                                                                                                                                                       |
| Hersteller Artikelnummer | PAT-X7CMGD-50                                                                                                                                                                                                                                                                           |
| Alternativnummer         | NBS-PAT-X7CMGD-50                                                                                                                                                                                                                                                                       |
| Hersteller               | Nordic BioSite                                                                                                                                                                                                                                                                          |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                                                                                                        |
| Applikation              | EP                                                                                                                                                                                                                                                                                      |
| Spezies Reaktivität      | Human                                                                                                                                                                                                                                                                                   |
| Produktbeschreibung      | CAMK2N1 belongs to the CAMK2N family. This protein interacts with CAMK2B, the presence of Ca <sup>2+</sup> /calmodulin increases the interaction but is not essential. It also interacts with CAMK2A, this interaction requires CAMK2A activation by Ca <sup>2+</sup> . CAMK2N1 is p... |
| Konzentration            | 0.25 mg/ml                                                                                                                                                                                                                                                                              |
| Molekulargewicht         | 10.9 kDa (101aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                 |
| Tag                      | HIS Tag                                                                                                                                                                                                                                                                                 |
| NCBI                     | <a href="#">55450</a>                                                                                                                                                                                                                                                                   |
| UniProt                  | <a href="#">Q7Z7J9</a>                                                                                                                                                                                                                                                                  |
| Puffer                   | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT                                                                                                                                                                                                   |

|          |                                                                                                                      |
|----------|----------------------------------------------------------------------------------------------------------------------|
| Reinheit | >90%                                                                                                                 |
| Sequenz  | MGSSHHHHHH SSGLVPRGSH MGSMSEVLPY GDEKLSPYGD<br>GGDVGQIFSC RLQDTNNFFG AGQNKRPPL GQIGRSKRVV IEDDRIDDVL<br>KNMTDKAPPG V |