



# Recombinant Human NudC domain-containing protein 3 (NUDCD3)

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| <b>Product Code</b>      | CSB-EP811605HU-B   |
| <b>Abbreviation</b>      | NUDCD3   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q8IVD9   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | METGAAELYD QALLGILQHV GNVQDFLRVL FGFLYRKTFD YRLLRHPSDR<br>MGFPPGAAQA LVLQVFKTFD HMARQDDEKR RQELEEKIRR KEEEEAKTVS<br>AAAAEKEPVP VPVQEIEIDS TTELDGHQEV EKVQPPGPVK EMAHGSQEA<br>APGAVAGAAE VPREPPILPR IQEQFQKNPD SYNGAVRENY TWSQDYTDLE<br>VRVPVKHV V K GKQVSVALS SSSIRVAMLE ENGERVLMEG KLTHKINTES<br>SLWSLEPGKC VLVNLSKVGE YWWNAILEGE EPIDIDKINK ERSMATVDEE<br>EQA VLDRLTF DYHQKLQGKP QSHELKVHEM LKKGWDAEGS<br>PFRGQRFDP A MFNISP GAVQ F  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | NUDCD3   |
| <b>Protein Names</b>     | Recommended name: NudC domain-containing protein 3   |
| <b>Expression Region</b> | 1-361  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | The product of this gene functions to maintain the stability of dynein intermediate chain. Depletion of this gene product results in aggregation and degradation of dynein intermediate chain, mislocalization of the dynein complex from kinetochores, spindle microtubules, and spindle poles, and loss of gamma-tubulin from spindle poles. The protein localizes to the Golgi apparatus during interphase, and levels of the protein increase after the G1/S transition. |
| <b>Reconstitution</b>    | 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

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