

## Recombinant Human CAMK2N1, GST-tagged

**Cat. No.** CAMK2N1-10685H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CAMK2N1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                       |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-25a.a.                                                                                                                                                     |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CAMK2N1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [ Homo sapiens ]                       |
| <b>Official Symbol</b> | CAMK2N1                                                                                                   |
| <b>Synonyms</b>        | PRO1489; RP11-401M16.1; calcium/calmodulin-dependent protein kinase II inhibitor 1; CaMKIINalpha; CAMK2N1 |

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|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| Gene ID             | 55450                                                                       |
| mRNA Refseq         | NM_018584.5                                                                 |
| Protein Refseq      | NP_061054.2                                                                 |
| UniProt ID          | Q7Z7J9                                                                      |
| Chromosome Location | 1p36.12                                                                     |
| Function            | calcium-dependent protein kinase inhibitor activity; protein kinase binding |

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