

## Recombinant Mouse Ncstn protein(Met1-Gln668), His-tagged

**Cat. No.** Ncstn-7406M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ncstn protein(P57716)(Met1-Gln668), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Met1-Gln668                                                                                                                                                                                                                           |
| <b>similar</b>          | Ncstn                                                                                                                                                                                                                                 |
| <b>Alias</b>            | NCSTN; nicastrin; Nct; Aph2; AA727311; D1Dau13e; Kiaa0253; mKIAA0253; 9430068N19Rik;                                                                                                                                                  |
| <b>Conjugate</b>        | C-His                                                                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                        |
| <b>Bioactivity</b>      |                                                                                                                                                                                                                                       |
| <b>MolecularMass</b>    | The recombinant mouse NCSTN comprises 652 amino acids and has a predicted molecular mass of 73 kDa. The apparent molecular mass of the protein is approximately 95-99 kDa in SDS-PAGE under reducing conditions due to glycosylation. |

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|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endotoxin</b>             | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                  |
| <b>Purity</b>                | > 99 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Storage</b>               | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Reconstitution</b>        | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                   |
| <b>GeneName</b>              | Ncstn nicastrin [ Mus musculus ]                                                                                                                                                                                                                |
| <b>GeneNameWeblink</b>       | <a href="#">59287</a>                                                                                                                                                                                                                           |
| <b>OfficialSymbol</b>        | Ncstn                                                                                                                                                                                                                                           |
| <b>OfficialSymbolWeblink</b> | <a href="#">59287</a>                                                                                                                                                                                                                           |
| <b>GeneID</b>                | 59287                                                                                                                                                                                                                                           |
| <b>GeneIDWeblink</b>         | <a href="#">59287</a>                                                                                                                                                                                                                           |
| <b>mRNARefseq</b>            | NM_021607                                                                                                                                                                                                                                       |
| <b>mRNARefseqWeblink</b>     | <a href="#">NM_021607.3</a>                                                                                                                                                                                                                     |
| <b>ProteinRefseqWeblink</b>  | <a href="#">NP_067620.3</a>                                                                                                                                                                                                                     |
| <b>MIMWeblink</b>            |                                                                                                                                                                                                                                                 |
| <b>UniProtID</b>             |                                                                                                                                                                                                                                                 |

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|                  |  |
|------------------|--|
| UniProtIDWeblink |  |
|------------------|--|

## GENE INFORMATION

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|----------|--------------------------------------------------------------------------------------|
| Synonyms | NCSTN; nicastrin; Nct; Aph2; AA727311; D1Dau13e; Kiaa0253; mKIAA0253; 9430068N19Rik; |
| MIM      |                                                                                      |

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