

## Recombinant Rat Ncam1, His tagged

**Cat. No.** Ncam1-43R    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Rat Ncam1 (P13596-1) (Met1-Thr721), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.                                                                                                                 |
| <b>Species</b>              | Rat                                                                                                                                                                                                                                            |
| <b>Source</b>               | Human Cells                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>        | 1-721 a.a.                                                                                                                                                                                                                                     |
| <b>Predicted N Terminal</b> | Leu 20                                                                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from sterile 50 mM Tris, 0.15M NaCl, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.                                                                                             |
| <b>Molecular Mass</b>       | The recombinant rat NCAM1 comprises 713 amino acids and predicts a molecular mass of 79.2 kDa. The apparent molecular mass of the recombinant protein is approximately 114-118 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                                |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE                                                                                                                                                                                                                |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.                                                                                                                                                                      |

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**Storage**

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

[Ncam1 neural cell adhesion molecule 1 \[ Rattus norvegicus \]](#)

**Official Symbol**

Ncam1

**Gene ID**

[24586](#)

**mRNA Refseq**

[NM\\_031521](#)

**Protein Refseq**

[NP\\_113709](#)

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