

Recombinant Rat Ncam1, His tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Ncam1 (P13596-1) (Met1-Thr721), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-721 a.a.
Predicted N Terminal	Leu 20
Form	Lyophilized from sterile 50 mM Tris, 0.15M NaCl, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	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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