

# Neural cell adhesion molecule 1 (Ncam1) Recombinant Protein | Ncam1 recombinant protein

Recombinant Rat Neural cell adhesion molecule 1 (Ncam1)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA113807</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

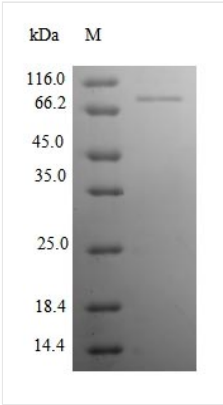
## PRODUCT SYNONYMS

Neural cell adhesion molecule 1 (Ncam1); Recombinant Rat Neural cell adhesion molecule 1 (Ncam1); Neural cell adhesion molecule 1; N-CAM-1; NCAM-1; CD\_antigen=; CD56; Ncam1 recombinant protein

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence Positions      | 20-721aa; Extracellular Domain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence                | LQVDIVPSQG EISVGESKFF LCQVAGDAKD KDISWFSPNG EKLSPNQQR SVVWNDDSS TLTIYNANID<br>DAGIYKCVVT AEDGTQSEAT VNVKIFQKLM FKNAPTPQEF KEGEDAVIVC DVVSSLPPTI IWKHKGRDVI<br>LKKDVRFIVL SNNYLQIRGI KKTDEGTYRC EGRILARGEI NFKDIQVIVN VPPTVQARQS IVNATANLGQ<br>SVTLVCDADG FPEPTMSWTK DGEPIENEEE DDEKHIFSDD SSELTIRNVD KNDEAEYVCI AENKAGEQDA<br>SIHLKVFAKP KITYVENQTA MELEEQVTLT CEASGDPIPS ITWRTSTRNI SSEEKASWTR PEKQETLDGH<br>MVVRSHARVS SLTLKSIQYT DAGEYICTAS NTIGQDSQSM YLEVQYAPKL QGPVAVYTWE GNQVNITCEV<br>FAYPSATISW FRDGQLLPSS NYSNIKIYNT PSASYLEVTP DSENDFGNYN CTAVNRIGQE SLEFILVQAD<br>TPSSPSIDRV EPYSSTAQVQ FDEPEATGGV PILKYKAEWK SLGEEAWHSK WYDAKEANME GIVTIMGLKP<br>ETRYAVRLAA LNGKGLGEIS AATEFKTQPV REPSAPKLEG QMGEDGNSIK VNLIKQDDGG SPIRHVLYKY<br>RALASEWKPE IRLPSGSDHV MLKSLDWNAE YEVYVVAENQ QGKSAAHFV FRTSAQPTAI PANGSPTAGL ST |
| Species                 | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Production Note         | <b>Special Offer:</b> The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our <b>or email to</b> for more details.                                      |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                 |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Ncam1 recombinant protein | This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc. |
| Product Categories/Family for Ncam1 recombinant protein   | Neuroscience                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 13928706                                          |
| NCBI GeneID                      | 24586                                             |
| NCBI Accession #                 | NP_113709.1                                       |
| NCBI GenBank Nucleotide #        | NM_031521.1                                       |
| UniProt Accession #              | P13596                                            |
| Molecular Weight                 | 82.7 kDa                                          |
| NCBI Official Full Name          | neural cell adhesion molecule 1                   |
| NCBI Official Synonym Full Names | neural cell adhesion molecule 1                   |
| NCBI Official Symbol             | Ncam1                                             |
| NCBI Official Synonym Symbols    | Cd56; Ncam; N-CAM; NCAMC; NCAM-1; NCAM-C; N-CAM-1 |
| NCBI Protein Information         | neural cell adhesion molecule 1                   |
| UniProt Protein Name             | Neural cell adhesion molecule 1                   |
| UniProt Gene Name                | Ncam1                                             |
| UniProt Synonym Gene Names       | Ncam; N-CAM-1; NCAM-1                             |
| UniProt Entry Name               | NCAM1_RAT                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.