

## Product datasheet

### Recombinant Rat NCAM1 protein (Tagged) ab235818

1 Image

#### Description

<b>Product name</b>	Recombinant Rat NCAM1 protein (Tagged)
<b>Purity</b>	> 90 % SDS-PAGE.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<u><b>P13596</b></u>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Rat
<b>Sequence</b>	<p>LQVDIVPSQGEISVGESKFFLCQVAGDAKDKDISWFSPNG            EKLSPNQQR            SVVWNDDDSSTLTYNANIDDAGMYKCVVTAEDGTQSEATV            NVKIFQKLM            FKNAPTPQEFKEGEDAVVCDVSSLPPTIWKHKGRDVIL            KKDVRFVL            SNNYLQIRGIKKTDEGTYRCEGRILARGEINFKDIQVIVNVPP            TVQARQS            MNATANLGQSVTLVCDADGFPEPTMSWTKDGEPIENEEE            DDEKHIFSDD            SSELTIRNVDKNDEAEYVCAENKAGEQDASIHLKVFAKPK            ITYVENQTA            MELEEQVTLTCEASGDPIPSITWRTSTRNISSEKASWTRP            EKQETLDGH            MVVRSHARVSSLTKSIQYTDAGEYICTASNTIGQDSQSMY            LEVQYAPKL            QGPVAVYTWEGNQVNITCEVFAYPSATISWFRDQQLPSS            NYSNIKYNT            PSASYLEVTPDSEDFGNYNCTAVNRIGQESLEFILVQADT            PSSPSIDRV            EPYSSTAQVQFDEPEATGGVPILKYKAEWKS LGEEAWHS            KWYDAKEANME            GVTIMGLKPETRYAVRLAALNGKGLGEISAATEFKTQPVR            EPSAPKLEG            QMGEDGNSIKVNLKQDDGGSPIRHVYLVKYRALASEWKPEI</p>

RLPSGSDHV  
MLKSLDWNAEYEVYVVAENQQGKSAAHFVVRTSAQPT  
AIPANGSPTAGL ST

<b>Predicted molecular weight</b>	83 kDa including tags
<b>Amino acids</b>	20 to 721
<b>Tags</b>	His tag N-Terminus
<b>Additional sequence information</b>	Extracellular domain. N-terminal 10xHis-tag and C-terminal Myc-tag.

## Specifications

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Our **Abpromise guarantee** covers the use of **ab235818** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.  
pH: 7.2  
Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

## General Info

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**Function** This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.

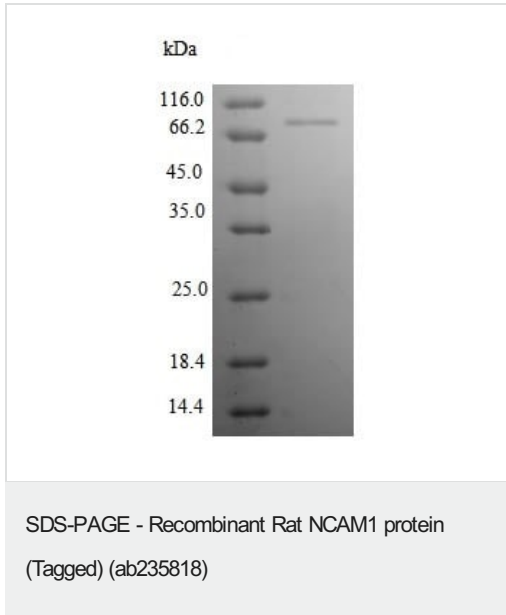
**Sequence similarities** Contains 2 fibronectin type-III domains.  
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

**Cellular localization** Secreted and Cell membrane.

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## Images

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis with 5% enrichment gel and 15% separation gel of ab235818.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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