

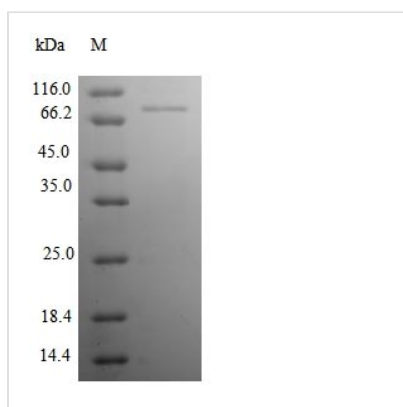


Recombinant Rat Neural cell adhesion molecule 1 (Ncam1), partial

Product Code	CSB-EP015511RA
Relevance	This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.
Abbreviation	Recombinant Rat Ncam1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13596
Alias	CD_antigen: CD56
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	LQVDIVPSQGEISVGESKFFLCQVAGDAKDKDISWFSPNGEKLSPNQQRISVV WNDDDSSTLTIYNANIDDAGIYKCVTAEDGTQSEATVNVKIFQKLMFKNAPT QEFKEGEDAVIVCDVVSSLPPTIWKHKGRDVILKKDVRFVLSNNYLQIRGIKKT DEGTYRCEGRILARGEINFKDIQVIVNVPPTVQARQSIVNATANLGQSVTLVCD ADGFPEPTMSWTKDGEPIENEEEDDEKHIFSDDSELTIRNVDKNDEAEYVCIA ENKAGEQDASIHVKVFAKPKITYVENQTAMELEEQVTLTCEASGDPIPSITWRT STRNISSEKASWTRPEKQETLDGHMVVRSHARVSSLTKSIQYTDAGEYICT ASNTIGQDSQSMYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPSATISWF RDGQLLPSSNYSNIKIYNTPSASYLEVTPDSENDGFGNYNCTAVNRIGQESLEFIL VQADTPSSPSIDRVEPYSSSTAQVQFDEPEATGGVPILKYKAEWKSLGEEAWH SKWYDAKEANMEGIVTIMGLKPETRYAVRLAALNGKGLGEISAATEFKTQPVR EPSAPKLEGQMGEDGNSIKVNLKQDDGGSPIRHYLVKYRALASEWKPEIRLP SGSDHVMLKSLDWNAEYEVYVVAENQQGKSKAAHFVFRRTSAQPTAIPANGSP TAGLST
Research Area	Neuroscience
Source	E.coli
Target Names	Ncam1
Expression Region	20-721aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	82.7kDa
Protein Length	Extracellular Domain



Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.