



Recombinant Human Neural cell adhesion molecule 1 (NCAM1), partial (Active)

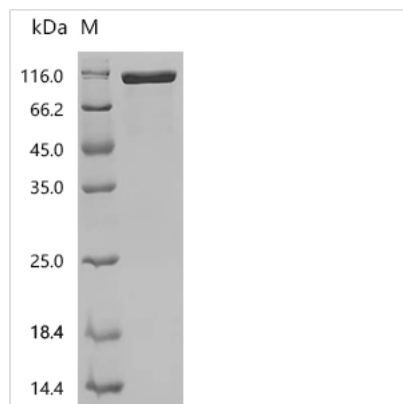
Product Code	CSB-MP015511HU2
Abbreviation	Recombinant Human NCAM1 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P13591
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human NCAM1 at 2 µg/mL can bind Anti-NCAM1 recombinant antibody (CSB-RA015511MA1HU). The EC50 is 0.8869-1.024 ng/mL.
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Sequence	LQVDIVPSQGEISVGESKFFLCQVAGDAKDKDISWFSPNGEKLTPNQQRISVV WNDDSSSTLTIIYANIDDAGIYKCVVTGEDGSESEATVNVKIFQKLMFKNAPT QEFREGEDAVIVCDVVSSLPPTIIWKHKGRDVILKKDVRFIVLSNNYLQIRGIKKT DEGTYRCEGRILARGEINFKDIQVIVNVPPTIQARQNVNATANLGQSVTLVCDA EGFPEPTMSWTKDGEQIEQEEDDEKYIFSDDSSQLTIKKVDKNDEAEYICIAEN KAGEQDATIHLKVFAKPKITYVENQTAMELEEQVTLTCEASGDPISITWRTST RNISSSEKASWTRPEKQETLDGHMVVRSHARVSSLTKSIQYTDAGEYICTAS NTIGQDSQSMYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPSATISWFR DGQLLPSSNYSNIKIYNTPSASYLEVTPDSEDFGNYNCTAVNRIGQESLEFILV QADTPSSPSIDQVEPYSSAQVQFDEPEATGGVPILKYKAEWRVAGGEEVWHS KWYDAKEASMEGIVTIVGLKPETTYAVRLAALNGKGLGEISAASEFKTQPVQG EPSAPKLEGQMGEDGNSIKVNLKQDDGGSPIRHYLVRYRALSSEWKPEIRLP SGSDHVMLKSLDWNAEYEVYVVAENQQGKSKAAHFVFR TSAQPTAIPANGSP TSG
Source	Mammalian cell
Target Names	NCAM1
Expression Region	20-718aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	C-terminal 10xHis-tagged



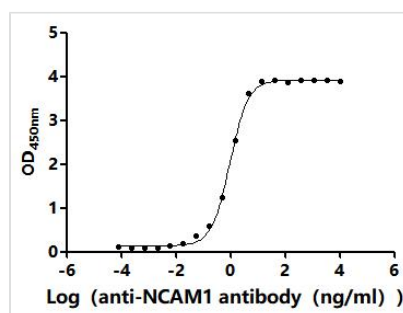
Mol. Weight 78.8 kDa

Protein Length Partial

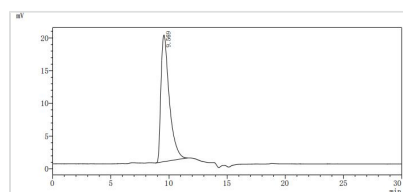
Image



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



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human NCAM1 at 2 µg/ml can bind Anti-NCAM1 recombinant antibody (CSB-RA015511MA1HU). The EC₅₀ is 0.8869-1.024 ng/mL.



The purity of NCAM1 was greater than 95% as determined by SEC-HPLC

Endotoxin Less than 1.0 EU/ug as determined by LAL method.

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.