

# Recombinant Human NCAM1 Protein

Cat. No. NCAM1-0533H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human NCAM1 Protein was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.0, with 5 % Trehalose, 0.02 % Tween-20.
<b>Molecular Mass</b>	Approximately 104.7 kDa on SDS-PAGE under reducing conditions, containing 942 amino acids.
<b>AASequence</b>	<p>AGMGMLQVDIVPSQGEISVGESKFFLCQVAGDAKDKDISWFSPNGEKLTPNQQRIS  VWNDDSSSTLIYANIDDAAGIYKCVVTGEDGSESEATVNVKIFQKLMFKNAPTPQ  EFREGEDAVIVCDVVSSLPPTIIWKHKGRDVLKVDVRFIVLSNNYLQIRGIKKTDEGT  YRCEGRILARGEINFKDIQVIVNVPPTIQARQNIIVNATANLGQSVTLVCDAEGFPEPT  MSWTKDGEQIEQEEDDEKYIFSDDSSQLTIKKVDKNDEAEYICIAENKAGEQDATIHL  KVFAKPKITYVENQTAMELEEQVTLTCEASGDPIPSITWRTSTRNISSEEKASWTRPE  KQETLDGHMVVRSHARVSSLTKSIQYTDAGEYICTASNTIGQDSQSMYLEVQYAPK  LQGPVAVYTWEGNQVNITCEVFAYPSATISWFRDQQLLPSSNYSNIKIYNTPSASYLE  VTPDSENDGNYNCTAVNRIGQESLEFILVQADTPSSPSIDQVEPYSSTAQVQFDEP  EATGGVPILKYKAEWRAVGEEVWHSKWYDAKEASMEGIVTIVGLKPETTYAVRLAAL  NGKGLGEISAASEFKTQPVQGEPSAPKLEGQMGEDGNSIKVNLIKQDDGGSPIRHYL  VRYRALSSEWKPEIRLPSGSDHVMLKSLDWNAEYEVYVAENQQGKSKAAHFVFR</p>

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Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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TSAQPTAIPANGSPTSGIEGRMDEPKSSDKTHTCPPCPAPEFEGAPSVFLFPPKPKD  
 TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSV  
 LTVLHQDWLNGKEYKCKVSNKALPTPIEKTISKAKGQPREPQVYTLPPSRDELTKNQ  
 VSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQ  
 QGNVFSCSVMHEALHNHYTQKSLSLSPGK

**Endotoxin** Less than 0.1 EU/μg of rHuNCAM-1/CD56-Fc as determined by LAL method.

**Purity** > 90 % by SDS-PAGE analyses.

**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

## GENE INFORMATION

**Gene Name** [NCAM1 neural cell adhesion molecule 1 \[ Homo sapiens \]](#)

**Official Symbol** [NCAM1](#)

**Synonyms** NCAM1; neural cell adhesion molecule 1; CD56; NCAM; neural cell adhesion molecule, NCAM; antigen recognized by monoclonal 5.1H11; MSK39;

**Gene ID** [4684](#)

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mRNA Refseq	NM_000615
Protein Refseq	NP_000606
MIM	116930
UniProt ID	P13591

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