

Active Recombinant Human NCAM1 protein, His-tagged

Cat. No. NCAM1-591H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NCAM1 protein(Leu 20 - Gly 718), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 20 - Gly 718
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 500 mM NaCl, pH8.0, 10% trehalose.
Bio-activity	Immobilized Human NCAM-1, His Tag at 1 µg/mL (100 µL/well) can bind Anti-NCAM-1 Antibody, Human IgG1 with a linear range of 0.6-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 79.3 kDa. The protein migrates as 100-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

mRNA Refseq [NM_000615](#)

Protein Refseq [NP_000606](#)

MIM [116930](#)

UniProt ID [P13591](#)

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