

## Active Recombinant Human NCAM1 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NCAM1 protein(Leu 20 - Gly 718), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu 20 - Gly 718
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 500 mM NaCl, pH8.0, 10% trehalose.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
<b>Storage</b>	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:

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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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