

# Active Recombinant Human NCAM1 protein, Fc-tagged, FITC-Labeled

**Cat. No.** NCAM1-0548H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC-Labeled Recombinant Human NCAM1 protein(Leu20-Gly718), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-718 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Anti-NCAM-1 Antibody, Human IgG1 at 5 µg/mL (100 µL/well) can bind FITC-Labeled Human NCAM-1, Fc Tag with a linear range of 0.08-0.625 µg/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 104.0 kDa. The protein migrates as 125-150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Leu20-Gly718
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	NCAM1 neural cell adhesion molecule 1 [ Homo sapiens ]
<b>Official Symbol</b>	NCAM1
<b>Synonyms</b>	NCAM1; neural cell adhesion molecule 1; CD56; NCAM; neural cell adhesion molecule, NCAM; antigen recognized by monoclonal 5.1H11; MSK39;
<b>Gene ID</b>	4684
<b>mRNA Refseq</b>	NM_000615
<b>Protein Refseq</b>	NP_000606
<b>MIM</b>	116930
<b>UniProt ID</b>	P13591

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