

Active Recombinant Human NCAM1 protein, His-Avi-tagged, Biotinylated

Cat. No. NCAM1-0549H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human NCAM1 protein(Leu20-Gly718), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-718 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 500 mM NaCl, pH8.0. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human NCAM-1, His,Avitag at 1 μg/mL (100 μL/well) on streptavidin precoated (0.5 μg/well) plate can bind Anti-NCAM-1 Antibody, Human IgG1 with a linear range of 1-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 81.0 kDa. The protein migrates as 95-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu20-Gly718
Endotoxin	Less than 1.0 EU per μg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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.
Conjugation	Biotin

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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