

Active Recombinant Human NCAM1 protein, Fc-tagged

Cat. No. NCAM1-592H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NCAM1 protein(P13591-2)(Leu20-Gly718) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-718 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human NCAM-1, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-NCAM-1 Antibody, hFc Tag with the EC50 of 19.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 103.33 kDa. Due to glycosylation, the protein migrates to 120-150 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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

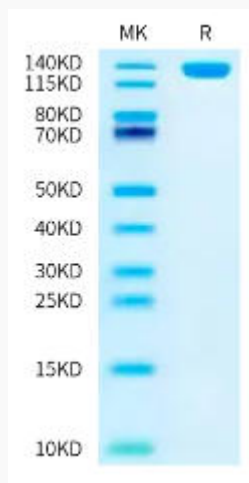
UniProt ID P13591

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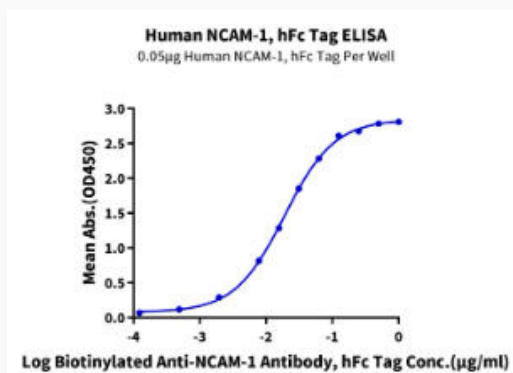
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Bis-Tris PAGE



ELISA Data



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