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

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

SPECIFICATION

Product Overview	Biotinylated Active Recombinant Human NCAM1 protein(P13591-2)(Leu20-Gly718) is expressed from HEK293 with His tag and Avi tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	20-718 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Biotinylated Human NCAM-1, His Tag at 1μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-NCAM-1 Antibody, hFc Tag with the EC50 of 3.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 80.29 kDa. Due to glycosylation, the protein migrates to 100-130 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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.
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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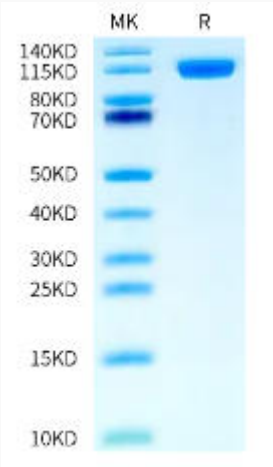
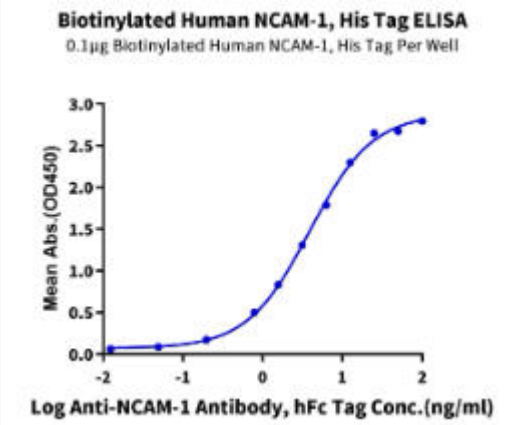
Bis-Tris PAGE	
ELISA Data	

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