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Datasheet for ABIN7318093  
**CD56 Protein (His tag,ECD)**

### Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD56 protein is labelled with His tag,ECD.

### Product Details

Purpose:	Recombinant Human NCAM1 Protein (ECD, His Tag)
Sequence:	Met 1-Pro603
Characteristics:	A DNA sequence encoding the human NCAM1 (NP_001070150.1) (Met1-Pro603) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM1 ( <a href="#">NCAM1 Products</a> )
Background:	Background: NCAM1, also known as CD56, is a neural adhesion protein (NCAM) which belongs to the immunoglobulin superfamily. NCAM is involved in neural development and in plasticity in the adult brain. UCHL1 is a novel interaction partner of both NCAM isoforms that regulates their

## Target Details

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ubiquitination and intracellular trafficking. NCAM1 is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc. NCAM1 has also been shown to be involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance.

Synonym: CD56, NCAM-1, CD56 antigen, MSK39, N-CAM-1, NCAM-1, neural cell adhesion molecule 1, neural cell adhesion molecule, NCAM

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Molecular Weight: 66.1 kDa

NCBI Accession: [NP\\_001070150](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4. 1. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. 2. Please contact us for any concerns or special requirements. Please refer to the specific buffer information in the hard copy of CoA.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.