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Datasheet for ABIN7504476  
**CD56 Protein (AA 20-711) (His tag)**

### Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Protein Characteristics:	AA 20-711
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD56 protein is labelled with His tag.

### Product Details

Purpose:	Mouse NCAM-1/CD56 Protein
Sequence:	Leu20-Thr711
Characteristics:	Recombinant Mouse NCAM-1/CD56 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu20-Thr711.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	CD56 (NCAM1)
Alternative Name:	NCAM-1 ( <a href="#">NCAM1 Products</a> )

## Target Details

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**Background:** Neural Cell Adhesion Molecule 1 (NCAM-1), a multifunctional member of the immunoglobulin superfamily, is expressed on the surface of neurons, glia, skeletal muscle, and natural killer cells. NCAM-1 has been implicated as having a role in cell-cell adhesion, involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance.

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**Molecular Weight:** 77.75 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.

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## Application Details

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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**Buffer:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

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**Storage:** -20 °C, -80 °C

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**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., -2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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**Expiry Date:** 12 months

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