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 (NCAM1 Products)

Target Details

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

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
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.
Expiry Date:	12 months