

Datasheet for ABIN7274022

**CD56 Protein (AA 20-718) (His tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	CD56 (NCAM1)
Protein Characteristics:	AA 20-718
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD56 protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus NCAM-1/CD56 Protein
Sequence:	Leu20-Gly718
Characteristics:	Recombinant Cynomolgus NCAM-1/CD56 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu20-Gly718.
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

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:	78.46 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">XP_005579710</a>

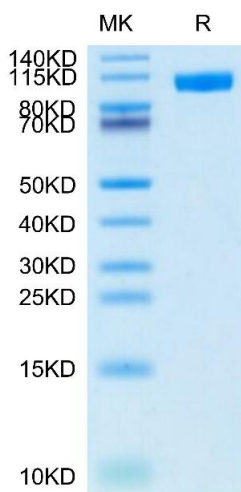
## Application Details

Restrictions:	For Research Use only
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## Handling

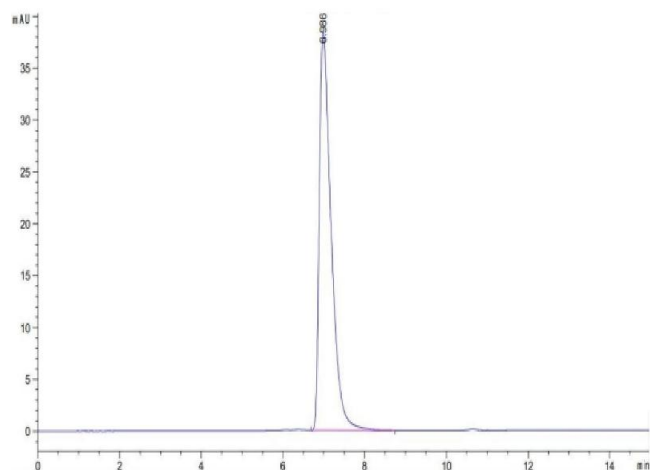
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 50 mM Tris, 500 mM NaCl ( pH 8.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** Cynomolgus NCAM-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Cynomolgus NCAM-1 is greater than 95 % as determined by SEC-HPLC.