

Datasheet for ABIN7274208

CD59a Protein (CD59A) (AA 24-96) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CD59a (CD59A)
Protein Characteristics:	AA 24-96
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD59a protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse CD59a Protein
Sequence:	Leu24-Ser96
Characteristics:	Recombinant Mouse CD59a Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu24-Ser96.
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:	CD59a (CD59A)
Alternative Name:	CD59a (CD59A Products)

Target Details

Background:	A CD59a fusion protein bound specifically to mouse B cells, and enhanced B cell proliferation in a MLR, demonstrating that B cells express an as yet unidentified ligand for CD59a that aids in B cell activation.
Molecular Weight:	35.17 kDa. Due to glycosylation, the protein migrates to 43-53 kDa based on Tris-Bis PAGE result.

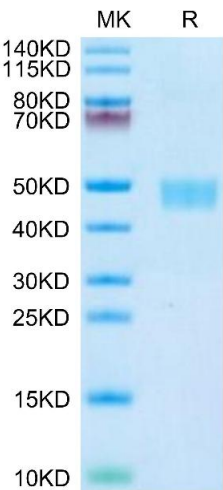
Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

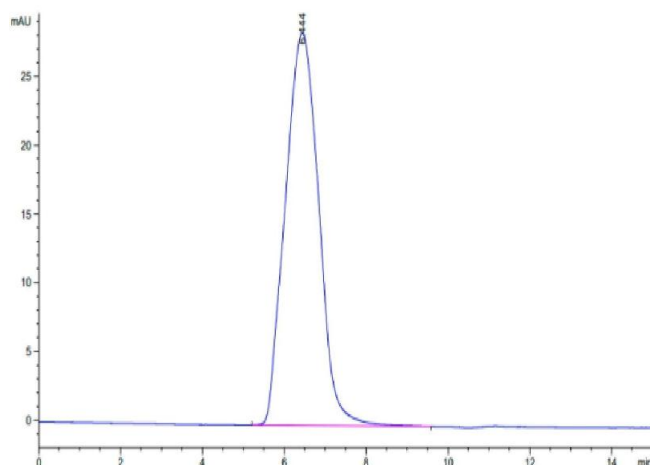
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse CD59a 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 Mouse CD59a is greater than 95 % as determined by SEC-HPLC.