

Mouse CD59a Protein

Cat. No. CD5-MM259

Description

Source	Recombinant Mouse CD59a Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Leu24-Ser96.
Accession	O55186
Molecular Weight	The protein has a predicted MW of 35.17 kDa. Due to glycosylation, the protein migrates to 43-53 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

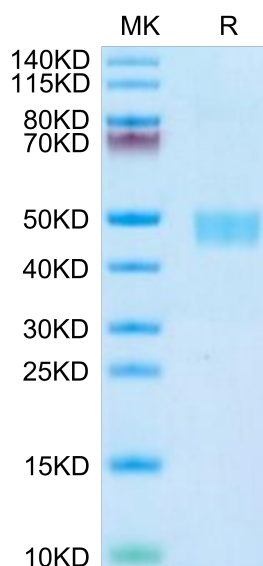
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

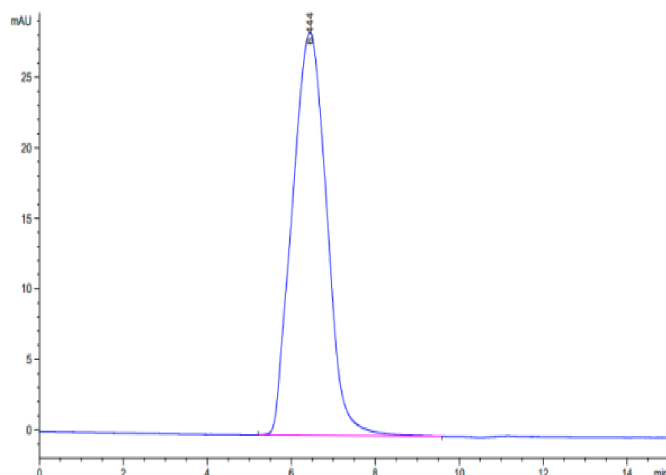
Assay Data

Bis-Tris PAGE



Mouse CD59a on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse CD59a is greater than 95% as determined by SEC-HPLC.