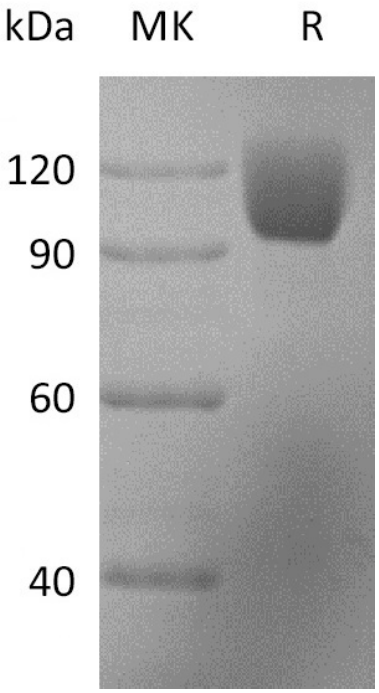
Product Name: Recombinant Rhesus Macaque ICAM-1 (C-Fc)
Catalog #: PHV2384

Summary

Name	ICAM-1/ICAM1/CD54/Intercellular adhesion molecule 1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Intercellular adhesion molecule 1 is produced by our Mammalian expression system and the target gene encoding Gln28-Glu480 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q5NKV6
Host	Human Cells
Species	Rhesus Macaque
Predicted Molecular Mass	76.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

Product Name: Recombinant Rhesus Macaque ICAM-1 (C-Fc)
Catalog #: PHV2384



Alternative Names

Intercellular adhesion molecule 1; ICAM1; ICAM-1; CD54

Background

Intercellular adhesion molecule 1 (ICAM1) is known as CD54. ICAM-1 is constitutively present on endothelial cells, but its expression is increased by proinflammatory cytokines. The endothelial expression of ICAM-1 is increased in atherosclerotic and transplant-associated atherosclerotic tissue and animal models of atherosclerosis. Additionally, ICAM-1 has been implicated in the progression of autoimmune diseases. ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation.

Note

For Research Use Only , Not for Diagnostic Use.