

Cynomolgus CD31/PECAM-1 Protein

Cat. No. CD3-CM131

Description

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| Source | Recombinant Cynomolgus CD31/PECAM-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains His28-Gly602. |
| Accession | A0A7N9CHZ3 |
| Molecular Weight | The protein has a predicted MW of 65.30 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE |

Formulation and Storage

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| Formulation | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Reconstitution | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage | -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. |

Background

Platelet endothelial cell adhesion molecule 1 (PECAM-1) is an adhesion and signaling receptor that is expressed on endothelial and hematopoietic cells and plays important roles in angiogenesis, vascular permeability, and regulation of cellular responsiveness.

Assay Data

Tris-Bis PAGE



Cynomolgus CD31 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.