Human CD31/PECAM-1 Protein

Cat. No. CD3-HM231

Description

Source	Recombinant Human CD31/PECAM-1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln28-Lys601.
Accession	P16284-1
Molecular Weight	The protein has a predicted MW of 91.2 kDa. Due to glycosylation, the protein migrates to 100-115 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

Formulation and Storage

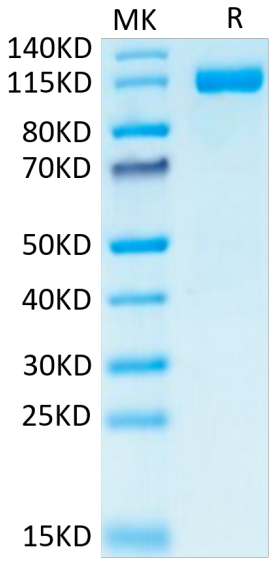
Formulation	Lyophilized from 0.22µm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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

Bis-Tris PAGE



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