PECAM1 (Human) Recombinant Protein

Catalog # P9019 Size 2 x 10 ug

Specification

Product Description	Human PECAM1 (P16284, 28 a.a. - 601 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in *Baculovirus*.
Sequence	QENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVKPQHQMLFYKDDVLFYNISSMKSTESYFIPEVRIYDSGTYKCTVIVNNKEKTTAEYQVLVEGVPSPRVTLDKKEAIQGGIVRVNCSVPEEKAPIHFTIEKLELNEKMVKLKREKNSRDQNFVILEFPVEEQDRVLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIIQKDKAIVAHNRHGNKAVYSVMAMVEHSGNYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQGERLNLSCSIPGAPPANFTIQKEDTIVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQFEVIKGQTIEVRCESISGTLPISYQLLKTSKVLENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSEVLRVKVIAPVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQKASKEQEGEYYCTAFNRANHASSVPRSKILTVRVILAPWKKVEHHHHHH.
Host	Nicotiana benthamiana
Theoretical MW (kDa)	65.5
Form	Liquid
Preparation Method	*Baculovirus* expression system
Purity	> 95% by SDS PAGE
Storage Buffer	Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- SDS-PAGE

Gene Info — PECAM1

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Entrez GeneID	5175
Protein Accession#	P16284
Gene Name	PECAM1
Gene Alias	CD31, PECAM-1
Gene Description	platelet/endothelial cell adhesion molecule
Omim ID	173445
Gene Ontology	Hyperlink
Gene Summary	CD31/EndoCAM|adhesion molecule
Other Designations	CD31 antigen|CD31/EndoCAM|PECAM-1, CD31/EndoCAM|adhesion molecule

Pathway

- Cell adhesion molecules (CAMs)
- Leukocyte transendothelial migration

Disease

- Acute Disease
- Angina Pectoris
- Arteriosclerosis
- Asthma
- Astrocytoma
- Atherosclerosis
- Brain Ischemia
- Bronchiolitis
- Cadaver
- Cerebral Hemorrhage
- Chorioamnionitis

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- Cicatrix
- Coronary Artery Disease
- Coronary Disease
- Coronary Stenosis
- Diabetes Mellitus
- Diabetic Retinopathy
- Disease Progression
- Disease Susceptibility
- Fetal Membranes
- Genetic Predisposition to Disease
- Graft vs Host Disease
- Hematologic Diseases
- Hematologic Neoplasms
- Hypercholesterolemia
- Hypertension
- Infant
- Infection
- Inflammation
- Intracranial Hemorrhages
- Kidney Failure
- Leukemia
- Malaria
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Obesity

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- Obstetric Labor
- Osteosarcoma
- Pre-Eclampsia
- Premature Birth
- Recurrence
- Renal Insufficiency
- Respiratory Syncytial Virus Infections
- Stroke
- Subarachnoid Hemorrhage
- Syndrome
- Urinary Tract Infections
- Venous Thrombosis
- Werner syndrome

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