
Platelet endothelial cell adhesion molecule, 28-601aa, Human, His tag, Insect cell

Cat.NO.: TP03428

3th Edition

Synonyms:PECAM1, CD31, CD31/EndoCAM, endoCAM, GPIIA', PECA1, PECAM-1.

Description:PECAM1, also known as platelet endothelial cell adhesion molecule, induces susceptibility to atherosclerosis. It prevents phagocyte ingestion of closely apposed viable cells by transmitting 'detachment' signals, and changes function on apoptosis, promoting tethering of dying cells to phagocytes.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:65.5kDa (582aa) 70-100kDa (SDS-PAGE under reducing conditions)

Sequences:

QENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVQPKHQMLFYKDDVLFYNISSMKSTESYFIPEVRIYDS
GTYKCTVIVNNKEKTTAEYQVLVEGVSPRVTLDKKEAIQGGIVRVNCSVPEEKAPIHFTIEKLELNEKMMVKLKREKN
SRDQNFVILEFPVVEEQDRVLSFRCQARIISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQVT
HLAQEFPEIIIQDKAIVAHNRHGKAVYSVMAMVEHSGNYTCKVESSRISKVSSIVVNITELFSKPELESSFTHLDQG
ERLNLSCSIPGAPPANFTIQKEDTIVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQF
EVIKQGTIEVRCEISGTLPISYQLLKTSKVLENSTKNSNDPAVFKDNPTEDVEYQCVADNCHSHAKMLSEVLRVKVI
APVDEVQISILSSKVVESGEDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQKASKEQEGEYYCT
AFNRANHASSVPRSKILTVRVILAPWKKVEHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.