

## Product datasheet for **AR51969PU-S**

### CD31 / PECAM1 (28-601, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CD31 / PECAM1 (28-601, His-tag) human protein, 50 µg
Species:	Human
Expression Host:	Insect
Expression cDNA Clone or AA Sequence:	QENSFTINSV DMKSLPDWTV QNGKNLTLQC FADVSTTSHV KPQHQMFLFYK DDVLFYNISS MKSTESYFIP EVRIYDSGTY KCTVIVNNKE KTTAEYQVLV EGVSPRVTL DKKEAIQGGI VRVNCVPEE KAPIHFTIEK LELNEKMKVL KREKNSRDQN FVILEFPVEE QDRVLSFRCQ ARIISGIHMVQ TSESTKSELV TVTESFSTPK FHISPTGMIM EGAQLHIKCT IQVTHLAQEF PEIIIQKDKA IVAHNRHGNK AVYSVMAMVE HSGNYTCKVE SSRISKVSSI WVNITELFSK PELESSFTHL DQGERLNLSC SIPGAPPANF TIQKEDTIVS QTQDFTKIAS KSDSGTYICT AGIDKVVKKS NTVQIVCEM LSQPRISYDA QFEVIKQTI EVRCESISGT LPISYQLLKT SKVLENSTKN SNDPAVFKDN PTEDVEYQCV ADNCHSHAKM LSEVLRVKVI APVDEVQISI LSSKVVESGE DIVLQCAVNE GSGPITYKFY REKEGKPFYQ MTSNATQAFW TKQKASKEQE GEYYCTAFNR ANHASSVPRS KILTVRVILA PWKKVEHHHH HH
Tag:	His-tag
Predicted MW:	65.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000433</a>
Locus ID:	5175
UniProt ID:	<a href="#">P16284</a>



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**Cytogenetics:** 17q23.3

**Synonyms:** CD31; CD31/EndoCAM; endoCAM; GPIIA'; PECA1; PECAM-1

**Summary:** The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [provided by RefSeq, May 2010]

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

**Protein Pathways:** Cell adhesion molecules (CAMs), Leukocyte transendothelial migration

**Product images:**

