PRODUCT INFORMATION

Target	PECAM1
Synonyms	CD31; PECA1; GPIIA'; PECAM-1; endoCAM; CD31/EndoCAM
Description	Recombinant human PECAM1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P16284
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	PECAM1(Gln28-Lys601) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 65.3 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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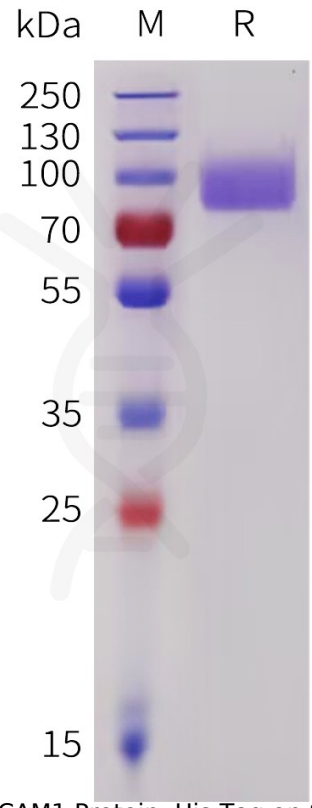


Figure 1. Human PECAM1 Protein, His Tag on SDS-PAGE under reducing condition.

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