

# Recombinant Full Length Bovine Platelet Endothelial Cell Adhesion Molecule(Pecam1) Protein, His-Tagged

**Cat. No.** RFL21533BF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Recombinant Full Length Bovine Platelet endothelial cell adhesion molecule(PECAM1) Protein (P51866) (28-739aa), fused to N-terminal His tag, was expressed in E. coli.

**Species**      Bovine

**Source**      E.coli

**ProteinLength**      Full Length of Mature Protein (28-739)

**Form**      Lyophilized powder

**AA Sequence**

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QENSFTINSIHMQLPHSTVQNGENLTQCLVDVSTTSRVKPLHQVLFYKDDVLLHNV
SSRRNTESYLIPHVRVCDSEGRYKCNVILNNKEKTTPEYEVWVKGVSDPRVTLDKKEV
IEGGVVVNCVPEEKAPVHFTIEKFELNIRGAKKKREKTSQNQNFVTLLEFTVEEQD
RTIRFQCQAKIFSGSNVESSRPIQSDLVTVRESFSNPKFHIIPEGKVMGDDLQVKCT
VQVTHQAQSFPEIIIQKDREIVAHNSLSSEAVYSVMATTEHNGNYTCKVEASRISKVS
SVVVNVELFSPKPLESSATHLDQGEDLNLLCSIPGAPPANFTIQKGGMTVSQTQNF
TKRVSEWDSGLYTCVAGVGRVFKRSNTVQITVCEMLSKPSIFHDSRSEVIKGQTIEV
SCQSVNGTAPIFYQLSNTSKPVANQSVGSNKPAIFRVKPTKDVEYCCSADNCHSHS
KMFSEVLRVKVIAPVDEAQLVVLKGEVEPGPIVFYCSVNEGSFPITYKFYKEKESKP
FYQDTINATQIMWHKTTASKEYEGQYYCTASNRANLSKHVIQSNTLTVRVYLPLEKG
LIAVVVIGVIIVTLVVGAKCYFLKKAKAKQMPVEMSRPAVPLLNSNNEKTLSDAGTEAD
    
```

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RHYGYNEDVGNHAMKPLNENKEPLTLDVEYTEVEVTSPEPHQGLGKGTETETVYS  
EIRKADPDFVENRYSRTEGSLDGS

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** PECAM1

**Synonyms** PECAM1; Platelet endothelial cell adhesion molecule; PECAM-1; CD antigen CD31

**UniProt ID** [P51866](https://www.uniprot.org/entry/P51866)

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