

Eukaryotic Platelet/Endothelial Cell Adhesion Molecule (PECAM1) Instruction Manual

SFPA614Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	65.6kDa
Accurate Molecular Mass	90kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln28~Lys601 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QEN SFTINSVDMK SLPDWTVQNG
KNLTLQCFAD VSTTSHVKPQ HQMLFYKDDV LFYNISSMKS TESYFIPEVR
IYDSGTYKCT VIVNNKEKTT AEYQVLVEGV PSPRVTLDDK EAIQGGIVRV
NCSVPPEEKAP IHFTIEKLEL NEKMOVKLRK KNSRDQNFVI LEFPVEEQDR
VLSFRCQARI ISGIHMOTSE STKSELVTVT ESFSTPKFHI SPTGMIMEGA
QLHIKCTIQV THLAQEFPEI IIQKDKAIVA HNRHGNKAVY SVMAMVEHSG
NYTCKVESSR ISKVSSIIVN ITELFSKPEL ESSFTHLDQG ERLNLSCSIP
GAPPANFTIQ KEDTIVSQTQ DFTKIASKSD SGTYICTAGI DKVVVKSNTV
QIVVCEMLSQ PRISYDAQFE VIKGQTIEVR CESISGTLPI SYQLLKTSKV
LENSTKNSND PAVFKDNPTE DVEYQCVADN CHSHAKMLSE VLRVKVIAPV
DEVQISILSS KVVESGEDIV LQCAVNEGSG PITYKFYREK EGKPFYQMTS
NATQAFWTKQ KASKEQEGEY YCTAFNRANH ASSVPRSKIL TVRVILAPWK
K
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

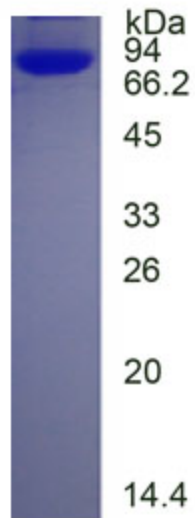


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.