

Recombinant Mouse Pecam1 protein, His-tagged

Cat. No. Pecam1-3290M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pecam1 protein(NP_033868.3)(Met1-Lys590), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Lys590
Form	Lyophilized from sterile 137 mM NaCl, 2.7 mM KCl, 10 mM Na ₂ HPO ₄ , 1.8 mM KH ₂ PO ₄ , pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse PECAM1 consists of 584 amino acids and has a calculated molecular mass of 66 kDa. The apparent molecular mass of the recombinant protein is approximately 85-95 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 93 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

[Pecam1 platelet/endothelial cell adhesion molecule 1 \[Mus musculus \]](#)

Official Symbol

[Pecam1](#)

Synonyms

PECAM1; platelet/endothelial cell adhesion molecule 1; platelet endothelial cell adhesion molecule; PECAM-1/CD31; Cd31; Pecam; C85791; PECAM-1; MGC102160;

Gene ID

[18613](#)

mRNA Refseq

[NM_001032378](#)

Protein Refseq

[NP_001027550](#)

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