

Mouse CD31/PECAM-1 (His Tag) recombinant protein



Catalog Number: 501157

General Information

Gene Name Synonym

Acylcholine acylhydrolase; Butyrylcholine esterase; Choline esterase II; Pseudochoolinesterase

Protein Construction

A DNA sequence encoding the mouse PECAM1 (NP_033868.3) extracellular domain (Met 1-Lys 590) was expressed, with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 93 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu 18

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.

Formulation

Lyophilized from sterile 137 mM NaCl, 2.7 mM KCl, 10 mM Na₂HPO₄, 1.8 mM KH₂PO₄, pH 7.4.
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

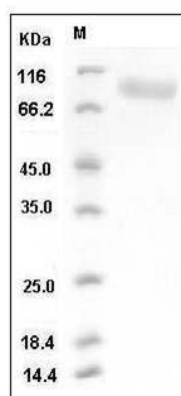
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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