

Mouse OBCAM/OPCML (His Tag) recombinant protein



Catalog Number: 501406

General Information

Gene Name Synonym

Protein Opcml

Protein Construction

A DNA sequence encoding the mouse OPCML (NP_808574.2) (Ala5-Val313) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized mouse OPCmL-His at 10µg/mL (100µL/well) can bind human LSAMP-Fc (Cat:500024).
The EC₅₀ of human LSAMP-Fc (Cat:500024) is 0.04-0.1 µg/mL.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg 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

Thr 30

Molecular Mass

The recombinant mouse OPCML comprises 295 amino acids and has a predicted molecular mass of 32.7 kDa. The apparent molecular mass of the protein is approximately 44-55 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, 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

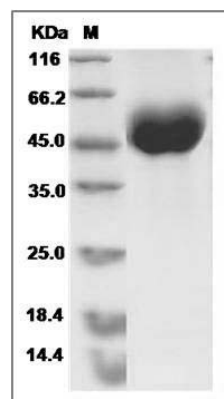
Storage

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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