Rat CD133 / PROM1 / Prominin 1 Protein (His Tag)

Catalog Number: **80324-R07H**

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4; 4932416E19Rik; AC133; CD133; Prom; Prom-1; Proml1

Protein Construction:

A DNA sequence encoding the rat PROM1 (NP_001103607.1) (Asn171-Tyr424) was expressed with a polyhistidine tag at the N-terminus.

Source: Rat

Expression Host: Human Cells

QC Testing

Purity: > 90 % 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 ℃

Predicted N terminal: His

Molecular Mass:

The recombinant rat PROM1 comprises 274 amino acids and predicts a molecular mass of 30.9 kDa. The apparent molecular mass of the recombinant protein is approximately 47-57 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

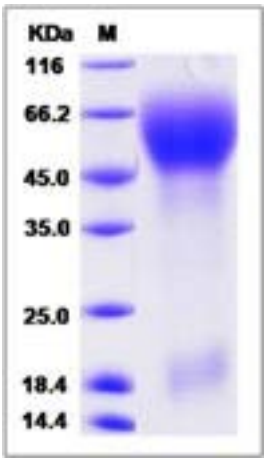
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.