

Recombinant Mouse C7orf50(Cholesin) Protein

Catalog No.: RP01980 Recombinant

Sequence Information

Species Gene ID Swiss ProtMouse 73212 Q9CXL3

Tags

C-6His

Synonyms

C7orf50; 3110082I17Rik;Cholesin; Protein C7orf50

Product Information

Source E. coli Purification ≥ 95 % as

determined by SDS-PAGE.

PAGE

Calculated MW Observed MW

22.99 KDa 25-35 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Hormone secreted from the intestine in response to cholesterol, where it acts to inhibit cholesterol synthesis in the liver and VLDL secretion, leading to a reduction in circulating cholesterol levels. Acts through binding to its receptor, GPR146.

Basic Information

Description

Recombinant Mouse C7orf50(Cholesin) Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ser195) of Mouse 3110082I17Rik(Cholesin) (Accession #NP_082745.2) fused with His at the C-terminus.

Bio-Activity

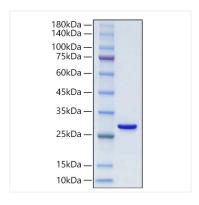
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse 3110082l17Rik(Cholesin) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.