

PRODUCT INFORMATION

CDH17 **Target**

Synonyms HPT-1;HPT-1/LI

Recombinant mouse CDH17 protein with C-Description

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q9R100 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Storage & Shipping

Background

Purity

Mouse CDH17(Phe26-Met786) 6×His tag Characterization

The protein has a predicted molecular mass of

85.1 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of mCDH17-His is approximately 70-130 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Enables proton-dependent oligopeptide secondary active transmembrane transporter activity. Involved in germinal center B cell

differentiation; marginal zone B cell differentiation; and spleen development. Acts

upstream of or within calcium-dependent cell-cell adhesion via plasma membrane cell adhesion molecules; homophilic cell adhesion via plasma membrane adhesion molecules; and oligopeptide transport. Located in cell surface and plasma

membrane. Is expressed in several structures, including common bile duct; gut; spleen; trunk; and urogenital sinus. Orthologous to human CDH17 (cadherin 17). [provided by Alliance of

Genome Resources, Apr 2022]

Usage Research use only Conjugate Unconjugated

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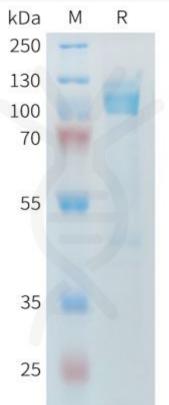


Figure 1. Mouse CDH17 Protein, His Tag on SDS-PAGE under reducing condition.

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