PRODUCT INFORMATION

Target	CDH17
Synonyms	HPT-1;HPT-1/LI
Description	Recombinant mouse CDH17 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9R100
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse CDH17(Phe26-Met786) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 85.1 kDa after removal of the signal peptide. The apparent molecular mass of mCDH17-His is approximately 70-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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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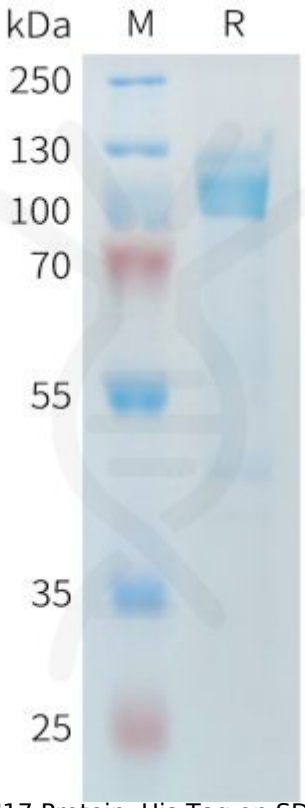


Figure 1. Mouse CDH17 Protein, His Tag on SDS-PAGE under reducing condition.

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