

Recombinant Rat Cldn16 Protein, His-tagged, OVA Conjugated

Cat. No. Cldn16-2788R Lot. No. (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Rat Cldn16 Protein (Trp137-Gly169) fused with a N-His tag.
Species	Rat
Source	Protein Conjugation
ProteinLength	Trp137-Gly169
Description	Predicted to enable identical protein binding activity. Involved in positive regulation of calcium ion transport and transepithelial transport. Located in bicellular tight junction. Used to study hypertension. Human ortholog(s) of this gene implicated in renal hypomagnesemia 3 and renal tubular transport disease. Orthologous to human CLDN16 (claudin 16).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

Conjugation

OVA

GENE INFORMATION

Gene Name

[Cldn16 claudin 16 \[Rattus norvegicus \]](#)

Official Symbol

[Cldn16](#)

Synonyms

CLDN16; claudin 16; claudin-16; paracellin-1; Pcln1;

Gene ID

[155268](#)

mRNA Refseq

[NM_131905](#)

Protein Refseq

[NP_571980](#)

UniProt ID

[Q91Y55](#)

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