



# Recombinant Rat Cadherin-17 (Cdh17), partial (Active)

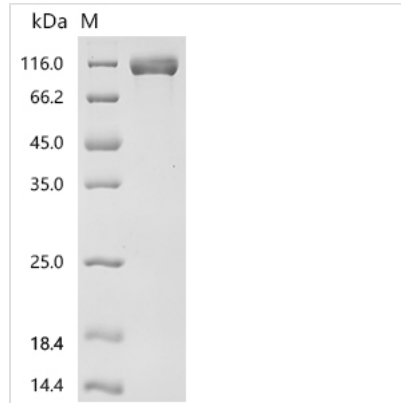
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|----------------------------|--|
| <b>Product Code</b>        | CSB-MP005042RA   |
| <b>Abbreviation</b>        | Recombinant Rat Cdh17 protein, partial (Active)  |
| <b>Storage</b>             | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>         | P55281   |
| <b>Form</b>                | Lyophilized powder   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4   |
| <b>Product Type</b>        | Recombinant Protein  |
| <b>Immunogen Species</b>   | Rattus norvegicus (Rat)  |
| <b>Biological Activity</b> | Measured by its binding ability in a functional ELISA. Immobilized Rat CDH17 at 2 µg/mL can bind Anti-CDH17 recombinant antibody (CSB-RA613267MA3HU). The EC50 is 13.06-14.24 ng/mL.   |
| <b>Purity</b>              | Greater than 95% as determined by SDS-PAGE.  |
| <b>Sequence</b>            | QEGKFSGPLKPMTFISIFEGQEPSQIIFQFKANPPAVTFELTGETDGIFKIEKDGL<br>LYHTRVLDRETRAVHHLQLAALDSQGAIVDGPVPIIIIEVKDINDNRPTFLQTKYE<br>GSVRQNSRPGKPFMYVNATDLDDPATPNGQLFYQIVIQLPKINNVMYFQIDNK<br>TGAISLTPEGSQVLDPIKNPYYNLVSVKDMGGQENSFSDTTSVDITVRENIW<br>KAPEPVEIRENLTDPHPIKITQVQWNDPGAHYSLINKEKLPQFPFSIDQEGNIYV<br>TQPLDREEKDSHVFFATAKDENGKPLAYPLEIRVKVIDINDNPPTCLSQVTVFE<br>VQENEVLGSSIGIFAAHDMDEANNINSILKYRLVDQTPKVPSEDELFLIDEYGGKV<br>QLGKRSLKKQDSPQYNLTVEVSDIDFKTLCSLQVNVIDINDQIPIFERSDYGSKT<br>LSEDTAIGSTILIIQATDDDEPFTGSSKILYKIVQGDTEGRLEVVTDPMTNTGYVK<br>IRKPLDFETEPVTSIVFKAENPEPLVNGIEYNASSFASFELTVTDVNEVPVFPQQ<br>IFQANVSEDTAIGTKVGTVTARDPEGLTVSYSLKDNKRGWLKIDSVTGDIFSTA<br>PLDRETESVYRVQVVATEVGGSSLSSTAYFHLVLMVDVNDNPPRLAKDYTGGLFF<br>CHPLSAPGSLIFEATDDDQQSVRRPKFTFALGRESLQSDWEVSKINGTHARLS<br>TKHTRFEEQVYDIPILINDGGQPPMEGIVSLSVTFCQCVDGSCFRPAGNQVGIP<br>TVGM |
| <b>Source</b>              | Mammalian cell   |
| <b>Target Names</b>        | Cdh17  |
| <b>Expression Region</b>   | 22-786aa   |
| <b>Notes</b>               | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>            | C-terminal 10xHis-tagged   |



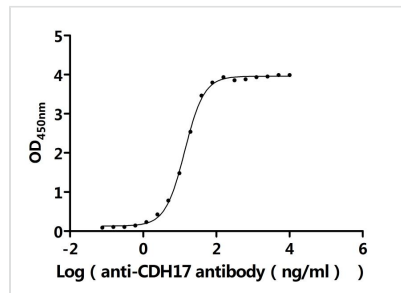
**Mol. Weight** 86.4 kDa

**Protein Length** Partial

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**

Measured by its binding ability in a functional ELISA. Immobilized Rat CDH17 at 2 µg/ml can bind Anti-CDH17 recombinant antibody (CSB-RA613267MA3HU). The EC<sub>50</sub> is 13.06-14.24 ng/mL.

**Endotoxin** Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.