



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

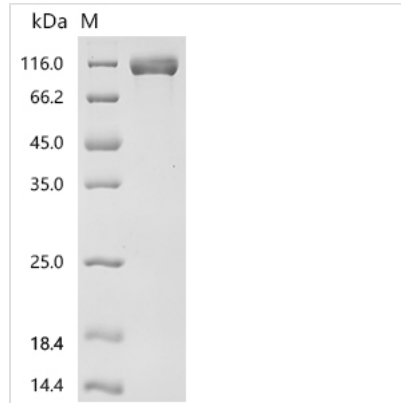
Product Code	CSB-MP005042RA
Abbreviation	Recombinant Rat Cdh17 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P55281
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Biological 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 EC50 is 13.06-14.24 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	QEGKFSGPLKPMTFSSIFEGQEPSQIIFQFKANPPAVTFELTGETDGIFKIEKDGL LYHTRVLDRETRAVHHLQLAALDSQGAIVDGPVPIIIIEVKDINDNRPTFLQTKYE GSVRQNSRPGKPFMYVNATDLDDPATPNGQLFYQIVIQLPKINNVMYFQIDNK TGAIISLTPEGSQVLDPIKNPYYNLVVSVKDMGGQENSFSDTTSVDITVRENIW KAPEPVEIRENLTDPHPIKITQVQWNDPGAHYSLINKEKLPQFPFSIDQEGNIYV TQPLDREEKDSHVFFATAKDENGKPLAYPLEIRVKVIDINDNPPTCLSQVTVFE VQENEVLGSSIGIFAAHDMDEANNINSILKYRLVDQTPKVPSEDELFLIDEYGGKV QLGKRSLKKQDSPQYNLTVEVSDIDFKTLCQLVNVIDINDQIPIFERSDYGSKT LSEDTAIGSTILIIQATDDDEPFTGSSKILYKIVQGDTEGRLEVVTDPMTNTGYVK IRKPLDFETEPVTSIVFKAENPEPLVNGIEYNASSFASFELTVTDVNEVPVFPQQ IFQANVSEDTAIGTKVGTVTARDPEGLTVSYSLKDNKRGWLKIDSVTGDIFSTA PLDRETESVYRVQVVATEVGGSSLSSTAYFHLVLMVDNDNPPRLAKDYTGGLFF CHPLSAPGSLIFEATDDDQQSVRRPKFTFALGRESLQSDWEVSKINGTHARLS TKHTRFEEQVYDIPILINDGGQPPMEGIVSLSVTFQCQVDGSCFRPAGNQVGIP TVGM
Source	Mammalian cell
Target Names	Cdh17
Expression Region	22-786aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged



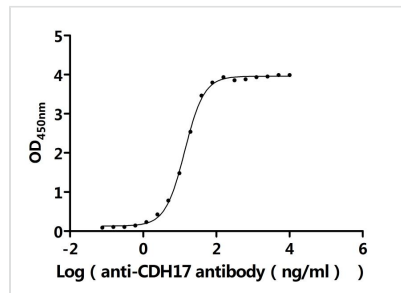
Mol. Weight 86.4 kDa

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 EC₅₀ 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.