

## Cadherin 6/CDH6 Protein, Mouse, Recombinant (aa 54-615, His)

### General Information

Synonyms: Cadherin-6;Kidney cadherin (K-cadherin);Cdh6

Protein Construction: 54-615 aa

Species: Mouse

Expression Host: HEK293 Cells

Accession: P97326

Molecular Weight: 64.0 kDa (Predicted)

AA Sequence: SWMWNQFFLLEEYTGSDYQYVGKLHSDQDRGDGSLKYILSGDAGDLFIINENTGDIQATKRLDREEKPVYILRAQAVNRRRTGRPVEPESEFIKIHDINDNEPIFTKDVYTATVPEMADVGTFFVQVTATDADDPTYGNSAKVVYILQGQPYFSVESETGIIKTALLNMDRENREQYQVVIQAKDMGGQMGGLSGTTVINITLTDVNDNPPRFQSTYQFKTPESSPPGTPIGRIKASDADVGENAEIEYSITDGEGHMFDVITDQETQEGIITVKLLDFEKKKVYTLKVEASNPHVEPRFLYLGPFKDSATRIVVDDVDEPPVFSKLAYILQIREDARINTTIGSVAACQDPDAARNPVKYSVDRHTDMDRIFNIDSNGNSIFTSKLLDRETLWHNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETVCEKAKADQLIQLTLRAVDKDDPYSGHQFSFSLAPEAASSSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQSSTGTVTVRCACDHGNGMQSCHAEALIHPTGLSTGA

### QC Testing

Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Mouse CDH6 at 2 µg/mL can bind Anti-CDH6 recombinant antibody (CSB-RA005055MA1HU). The EC50 is 1.884-2.164 ng/mL.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/µg of the protein as determined by the LAL method.

Formulation: Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

#### Shipping:

In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

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