

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:	<p>SWMWNQFFLLEEYTGSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYIL RAQAVNRRTGRPVEPESEFIIKIHNDINEPIFTKDVYTATVPEMADVGTFVQVTATDADDPTYGNSAKVVYS ILQGQPYFSVESETGIIKTALLNMDRENREYQVVIQAKDMGGQMGGLSGTTTNITLTDVNDNPPRFPQSTY QFKTPESSPPGTPIGRIKASDADVGNAEIEYSITDGEGHEMFVDITDQETQEGIITVKLLDFEKKKVYTLKVEA SNPHVEPRFLYLGPFKDSATVRIVDDVDEPPVFSKLAYILQIREDARINTTIGSVAAQDPDAARNPVKYSVDR HTDMDRIFNIDSGNGSIFTSKLLDRETLWLNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETFVCE KAKADQLIQTLRVAVDKDDPYSGHQFSFLAPEAASSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVIS DNDYPVQSSTGTVTVRVACDHHGNMQSCHAEALIHPTGLSTGA</p>

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481