

CDH16 Protein, Human (HEK293, His)

Cat. No.:	HY-P73507
Synonyms:	Cadherin-16; Ksp-cadherin; CDH16
Species:	Human
Source:	HEK293
Accession:	O75309/NP_004053.1 (K19-A786)
Gene ID:	1014
Molecular Weight:	90-110 kDa

PROPERTIES

Biological Activity	Immobilized Human CDH16, His Tag at 0.5 µg/mL (100µl/well) on the plate. Dose response curve for Anti-CDH16 Antibody, Mouse IgG Tag with the EC ₅₀ of ≤7.5 ng/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	CDH16, a member of the cadherin family, is a calcium-dependent cell adhesion protein. It exhibits a preference for homophilic interactions, engaging with itself in connecting cells. This characteristic suggests that CDH16, like other cadherins, may play a role in the sorting of heterogeneous cell types, contributing to the regulation of cell-cell adhesions and maintaining cellular organization.
------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA