

Cadherin-3 Protein, Human (547a.a, HEK293, His)

Cat. No.:	HY-P77894
Synonyms:	Cadherin-3; Placental cadherin; P-cadherin; CDH3; CDHP; HJMD; PCAD; PCADP-cadherin; CAD3
Species:	Human
Source:	HEK293
Accession:	P22223 (D108-G654)
Gene ID:	1001
Molecular Weight:	70-80 kDa

PROPERTIES

Biological Activity	Immobilized Anti-CDH3 Antibody, hFc Tag at 2 µg/mL (100 µl/Well) on the plate. Dose response curve for Human CDH3, His Tag with the EC ₅₀ of ≤3 µg/mL determined by ELISA.
Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant 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	Cadherin-3 is a calcium-dependent cell adhesion protein that plays a vital role in cell-to-cell interactions. It exhibits a strong preference for interacting with other cadherin-3 proteins in a homophilic manner, facilitating the connection between adjacent cells. This specific interaction enables cadherin-3 to contribute to the sorting and organization of diverse cell types within tissues. Additionally, cadherin-3 is known to interact with CDCP1 and CTNNB1, further influencing cellular processes.
------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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