

Cadherin-3 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P700690
Synonyms:	Cadherin-3; Placental cadherin; P-cadherin; CDH3; CDHP; HJMD; PCAD; PCADP-cadherin; CAD3
Species:	Mouse
Source:	HEK293
Accession:	P10287 (E100-G647)
Gene ID:	12560
Molecular Weight:	70-80 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/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 protein, a calcium-dependent cell adhesion molecule, plays a crucial role in mediating cell-cell interactions. Through its ability to selectively interact with other cadherin molecules of the same type in a homophilic manner, Cadherin-3 facilitates the adhesion between connecting cells, thereby contributing to the sorting and organization of heterogeneous cell types in tissues and organs. In addition, Cadherin-3 interacts with CDCP1 and CTNNB1, further regulating cellular processes and signaling pathways.
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Caution: Product has not been fully validated for medical applications. For research use only.

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