

Cadherin-8 Protein, Rat (HEK293)

Cat. No.:	HY-P74361
Synonyms:	Cadherin8; CDH8; Nbla04261
Species:	Rat
Source:	HEK293
Accession:	O54800 (M1-M621)
Gene ID:	84408
Molecular Weight:	76-85 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m 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/ 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-8, a calcium-dependent cell adhesion protein, engages in homophilic interactions with itself in connecting cells. This characteristic underscores the potential contribution of cadherin-8, along with other cadherins, to the sorting of heterogeneous cell types. The ability to preferentially interact in a homophilic manner highlights its role in mediating cell-cell adhesions and suggests its involvement in cellular organization and coordination.
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Caution: Product has not been fully validated for medical applications. For research use only.

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