



Certificate of Analysis

Cadherin-13 Protein, Rat (HEK293)

Cat. No.:	HY-P74364
Batch No.:	425598
Species:	Rat
Source:	HEK293
Tag:	Tag Free
Accession:	Q8R490 (A22-A692)
Gene ID:	192248
Molecular Weight:	Approximately 95 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to inhibit the adhesion of HUVEC human umbilical vein endothelial cells. The ED ₅₀ for this effect is 4.702 μg/mL, corresponding to a specific activity is 212.67 units/mg.	4.702 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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.	

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

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