



Certificate of Analysis

Cadherin-1/CD324 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P74368
Batch No.:	293732
Species:	Rat
Source:	HEK293
Tag:	C-hFc
Accession:	Q9R0T4 (Q24-A713)
Gene ID:	83502
Molecular Weight:	95-130 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of P19 mouse embryonal carcinoma cells. The ED ₅₀ for this effect is 0.0915 μg/mL. Corresponding to a specific activity is 1.093×10 ⁴ U/mg.	0.0915 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. 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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