



Certificate of Analysis

DSC2/Desmocollin-2 Protein, Rat (HEK293, His)

Cat. No.:	HY-P76303
Batch No.:	394884
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	Q3T1K6 (C29-P694)
Gene ID:	291760
Molecular Weight:	Approximately 80-95 kDa due to the glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.60%
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 the Caki-2 human clear cell carcinoma epithelial cells. The adhesion rate for this effect is 75.84% in the presence of 10 μg/mL Rat DSC2.	75.84%
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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