



Certificate of Analysis

DSG-2/Desmoglein-2 Protein, Human (HEK293, His)

Cat. No.:	HY-P77917
Batch No.:	406467
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q14126 (A50-G609)
Gene ID:	1829
Molecular Weight:	70-80 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human DSG-2 at 0.5 μg/mL (100μL/Well) on the plate. Dose response curve for Anti-DSG-2 Antibody with the EC ₅₀ <19.5 ng/ml determined by ELISA.	18.2 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/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.	

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

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