



Certificate of Analysis

CD146/MCAM Protein, Mouse (HEK293, His)

Cat. No.: HY-P76201
Batch No.: 309665
Species: Mouse
Source: HEK293
Tag: C-His
Accession: Q8R2Y2 (V24-V563)
Gene ID: 84004
Molecular Weight: 90-100 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse MCAM/CD146 is immobilized at 1 μg/mL, the concentration of Recombinant Mouse Galectin-3 that produces 50% of the optimal binding response is 0.4829 μg/mL.	0.4829 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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