



Certificate of Analysis

CD99 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P75366
Batch No.:	383975
Species:	Mouse
Source:	HEK293
Tag:	C-hFc
Accession:	Q8VCN6 (D29-G138)
Gene ID:	673094
Molecular Weight:	Approximately 47-55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Mouse CD99 Protein at 5 μg/mL (100 μL/well) can bind Mouse PILR-alpha protein. The ED ₅₀ for this effect is 0.2712 μg/mL, corresponding to a specific activity is 3687.316 Unit/mg.	0.2712 μg/mL
Appearance	Solution	
Concentration	0.5mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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