



Certificate of Analysis

CD2 Protein, Cynomolgus (HEK293, C-His)

Cat. No.: HY-P75434A
Batch No.: 253747
Species: Cynomolgus
Source: HEK293
Tag: C-6*His
Accession: Q6SZ61 (K25-D209)
Gene ID: 102120798
Molecular Weight: Approximately 33.91 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥95.0%
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 Jurkat human T-lymphocyte leukemia cells. The ED ₅₀ this effect is 0.571 ng/ml, corresponding to a specific activity is 1.7513×10 ⁶ units/mg.	PASS
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. 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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