



Certificate of Analysis

CD2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74323
Batch No.:	268579
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	NP_038514.1 (R23-S203)
Gene ID:	12481
Molecular Weight:	approximately 33.79 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
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 for this effect is 383.6 ng/ml, corresponding to a specific activity is 2.607×10 ³ 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.	
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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