



Certificate of Analysis

CD84/SLAMF5 Protein, Mouse (221a.a, HEK293, C-His)

Cat. No.:	HY-P73506A
Batch No.:	274371
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	Q18PI6-1 (K22-V221)
Gene ID:	12523
Molecular Weight:	32-37 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.	<1 EU/μg
Biological Activity	Measured in a cell proliferation assay using PHA stimulated Mouse T cells in the presence of anti-CD3. The ED ₅₀ for this effect is 0.5203 μg/mL in the presence of anti-CD3 immobilized at 20 ng/mL, corresponding to a specific activity is 1.922×10 ³ units/mg.	0.5203 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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