



Certificate of Analysis

SLAMF2/CD48 Protein, Human (HEK293, hFc)

Cat. No.:	HY-P72022
Batch No.:	114111
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P09326 (Q27-S220)
Gene ID:	962
Molecular Weight:	Approximately 66 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	92.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized CD48 at 2 μg/mL can bind Anti-CD48 rabbit monoclonal antibody, the EC ₅₀ of human CD48 protein is 0.7847-1.107 ng/mL.	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. 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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