



Certificate of Analysis

Podoplanin Protein, Human (HEK293, His-Fc)

Cat. No.:	HY-P73378
Batch No.:	313027
Species:	Human
Source:	HEK293
Tag:	C-hFc;C-His
Accession:	Q86YL7-1 (A23-K123)
Gene ID:	10630
Molecular Weight:	Approximately 50.2 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human Podoplanin at 10 μg/mL (100 μl/well) can bind biotinylated human CLEC1B-His, The EC ₅₀ of biotinylated human CLEC1B-His is 0.4-1.0 μg/mL.	PASS
Appearance	Solution	
Concentration	0.95 mg/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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