



Certificate of Analysis

PE-Labeled HLA-G Complex Tetramer Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P701002
Batch No.:	370805
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	P17693 (G25-T305)&P61769 (I21-M119)&RIIPRHLQL
Gene ID:	3135&567
Molecular Weight:	260-265 kDa under Non reducing (N) condi

ANALYTICAL DATA

TEST	Specifications	Results
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized PE-Labeled Human HLA-G&B2M&Peptide (RIIPRHLQL) Tetramer, His Tag at 0.5 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-HLA-G Antibody, hFc Tag with the EC ₅₀ of ≤9.2 ng/mL determined by ELISA.	9.0 ng/mL
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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