



Certificate of Analysis

HLA-A*0201 NY-ESO-1 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P77765
Batch No.:	218249
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	A0A140T913 (G25-T305)&P61769 (I21-M119)&SLLMWITQV
Gene ID:	/&567
Molecular Weight:	51-56 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Anti-NY-ESO-1(HLA-A*02:01) Antibody,hFc Tag at 1 ug/ml (100 μl/Well)on the plate.Dose response curve for Biotinylated Human NY-ESO-1(HLA-A*02:01),His Tag with the EC ₅₀ of 16.5ng/ml determined by ELISA.	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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