

HLA-A*0201 GP100 Complex Protein, Human (Biotinylated, YLEPGPVTA, HEK293, His-Avi)

Cat. No.:	HY-P77754
Synonyms:	HLA0201; MHC I; gp100; Glycoprotein 100; ME20-M; P100
Species:	Human
Source:	HEK 293
Accession:	A0A140T913 (G25-T305)&P61769 (I21-M119)&YLEPGPVTA
Gene ID:	/
Molecular Weight:	52-62 kDa

PROPERTIES

Biological Activity	Immobilized Biotinylated Human GP100 (HLA-A*02:01) at 2 µg/mL (100µL/Well). Dose response curve for Anti-GP100 (HLA-A*02:01) Ab with the EC ₅₀ of 0.3 µg/mL determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
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. 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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