

HLA-G Complex Protein, Cynomolgus (HEK293, His-Avi)

Cat. No.:	HY-P700735
Synonyms:	HLA G antigen; sHLA-G; b2 microglobulin; HLA G; HLAG; HLA-G; MHC Class I Antigen G; MHC class Ib antigen; MHC-G; sHLA-G
Species:	Cynomolgus
Source:	HEK293
Accession:	E0WKX9 (G25-T305)&Q8SPW0 (I21-M119)&RIIPRHLQL
Gene ID:	102117143&101867173
Molecular Weight:	55-65 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% 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.
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.

DESCRIPTION

Background	The HLA-A*0201 WT-1 Complex Protein is a member of the MHC class I family, playing a vital role in immune function by presenting antigenic peptides to cytotoxic T lymphocytes. Characterized by its association with the HLA-A*0201 allele, this protein contributes to the immune system's surveillance and defense mechanisms. Through its involvement in antigen presentation, the HLA-A*0201 WT-1 Complex Protein aids in the recognition and elimination of abnormal or infected cells, highlighting its significance in maintaining immune homeostasis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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