

Rev02
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DATASHEET

HLA-E*01:03&B2M&EBV LMP1 (GGDPHLPTL) Monomer, His & Avi, Human

Cat. No.: Z06643

Product Introduction

Species	Human
Protein Construction	HLA-E*01:03&B2M&EBV LMP1 (GGDPHLPTL) Monomer[Gly22-Thr302(HLA-E*01:03), Ile21-Met119 (B2M) and GGDPHLPTL peptide] Accession # P13747(HLA-E*01:03)&P61769(B2M)&GGDPHLPTL HisAvi N-termC-term
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	50.15 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 53-63 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : Epstein-Barr virus (EBV)-encoded latent membrane protein 1 (LMP1) is expressed in germinal-center-derived, mononuclear Hodgkin (H) and multinuclear, diagnostic Reed-Sternberg (RS) cells in classical EBV-positive Hodgkin's lymphoma (cHL). LMP1 expression in EBV-negative H-cell lines results in a significantly increased number of RS cells.

Synonyms : EBV LMP1; GGDPHLPTL

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China

