

Rev01  
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## DATASHEET

# HLA-A\*01:01&B2M&MAGE-A3 (EVDPIGHLY) Tetramer, His & Avi, Human

Cat. No.: Z06549

## Product Introduction

<b>Species</b>	Human
<b>Protein Construction</b>	<div> <div>HLA-A*01:01&amp;B2M&amp;MAGE-A3 (EVDPIGHLY) Tetramer [Gly25-Thr305(HLA-A*01:01), Ile21-Met119(B2M) and EVDPIGHLY peptide]</div> <div>Accession # Q5SUL5(HLA-A*01:01)&amp;P61769(B2M)&amp;EVDPIGHLY</div> <div>His</div> <div>Avi</div> <div>N-term</div> <div>C-term</div> </div>
<b>Purity</b>	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	258 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 260-265 kDa under Non reducing (N) condition based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	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 :** Melanoma antigen gene A3 (MAGE-A3) is one of the most immunogenic cancer testis antigens and is common in various types of cancers. MAGE-A3 can be considered as a predictor for poor prognosis and an option for vaccine immunotherapy in patients with PCa.

**Synonyms :** Melanoma-associated antigen 3; MZ2-D; MZ2D; MZ2-D; CT1.3; MAGE-3

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

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