

## Recombinant Human HLA-A\*0201 HPV16 E7 complex Protein (C-10His)

Catalog No. PKSH034049

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

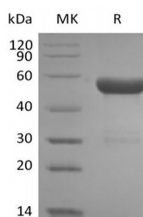
### Description

<b>Synonyms</b>	HLA-A*0201 HPV16 E7 complex
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	YMLDLQPET&Ile21-Met119&Gly25-Ile308 (Ala269Val)
<b>Accession</b>	P61769&P01892
<b>Calculated Molecular Weight</b>	49.1 kDa
<b>Observed molecular weight</b>	55-60 kDa
<b>Tag</b>	C-His

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 500mM NaCl, 0.06% Tween 80, pH7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

The HPV16 E7 protein plays a role in viral genome replication by driving entry of quiescent cells into the cell cycle. E7 protein has both transforming and trans-activating activities. It plays also a role in the inhibition of both antiviral and

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antiproliferative functions of host interferon alpha.