

## Recombinant Human HLA-A\*0201 GP100 complex Protein (C-10His)

Catalog Number: PKSH034047

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

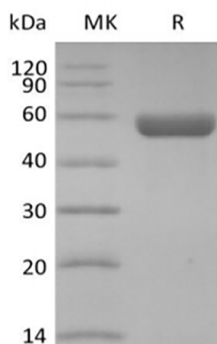
### Description

<b>Species</b>	Human
<b>Source</b>	HEK293 Cells-derived Human HLA-A*0201 GP100 complex protein IMDQVPFSV& Ile21-Met119&Gly25-Ile308(Ala269Val), with an C-terminal His
<b>Calculated MW</b>	49.1 kDa
<b>Observed MW</b>	50-60 kDa
<b>Accession</b>	P61769&P01892
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of PBS, 0.5M Arg, 0.1M Glu, pH 7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

GP100 Plays a central role in the biogenesis of melanosomes. Involved in the maturation of melanosomes from stage I to II. The transition from stage I melanosomes to stage II melanosomes involves an elongation of the vesicle, and the appearance within of distinct fibrillar structures.