

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

Catalog Number: PKSH034047

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

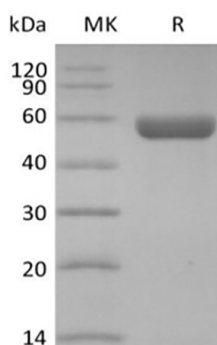
Description

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

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	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.
Formulation	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.

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