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

Catalog Number: PKSH034049

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

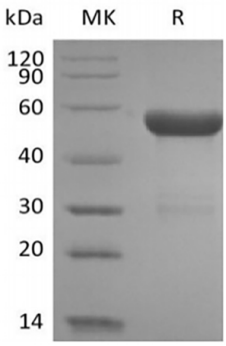
Description

Species	Human
Source	HEK293 Cells-derived Human HLA-A*0201 HPV16 E7 complex protein YMLDLQPE T&Ile21-Met119&Gly25-Ile308 (Ala269Val), with an C-terminal His
Calculated MW	49.1 kDa
Observed MW	55-60 kDa
Accession	P61769&P01892
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	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 antiproliferative functions of host interferon alpha.