Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer Protein

Cat. No. MHC-HM430B

Description

Source	Recombinant Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
	It contains Gly25-Thr305(HLA-A*24:02), Ile21-Met119(B2M) and AYACNTSTL peptide.
Accession	AAA59600.1(HLA-A*24:02)&P61769(B2M)&AYACNTSTL
Molecular Weight	The protein has a predicted MW of 50.20 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-20 to -80°C for 3-6 months in unopened state after reconstitution.2-8°C for 2-7 days after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Survivin-2B, a known splice variant of survivin, has been reported to promote cell death in some cancer cells, although it keeps prosurvival function in others.survivin-2B promoted autophagy and further regulated cell death by accumulating and stabilizing IKK alpha in the nucleus.

Assay Data

Tris-Bis PAGE

Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

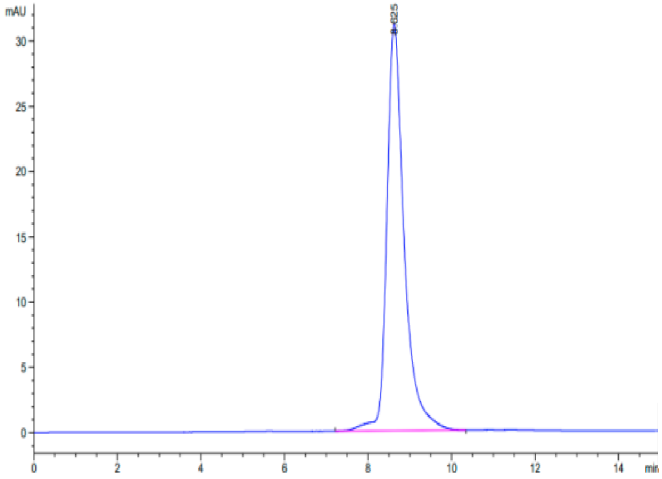
SEC-HPLC

For Research Use Only

Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer Protein

Cat. No. MHC-HM430B

Assay Data



The purity of Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer is greater than 95% as determined by SEC-HPLC.

For Research Use Only