

Cat. No.   MHC-HM430B

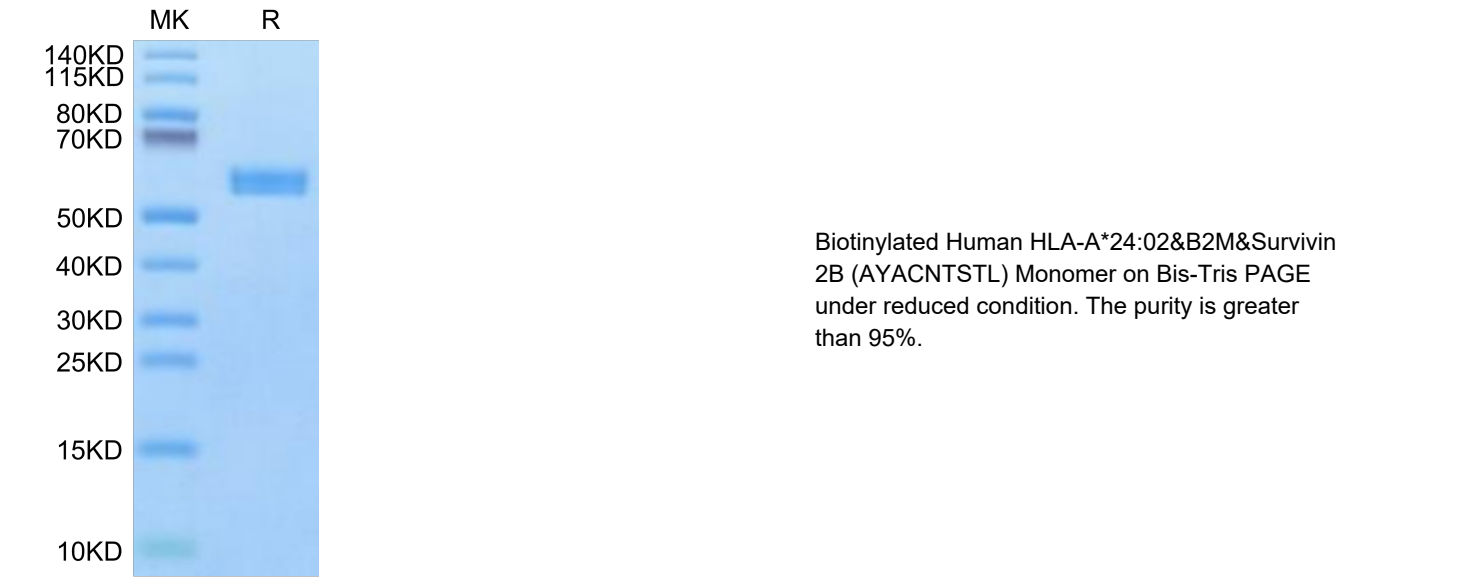
Description	
Source	Recombinant Biotinylated Human HLA-A*24:02&B2M&Survivin 2B (AYACNTSTL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Gly25-Thr305(HLA-A*24:02), Ile21-Met119(B2M) and AYACNTSTL peptide.
Accession	AAA59600.1(HLA-A*24:02)&P61769(B2M)&AYACNTSTL
Molecular Weight	The protein has a predicted MW of 50.20 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris 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	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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.	

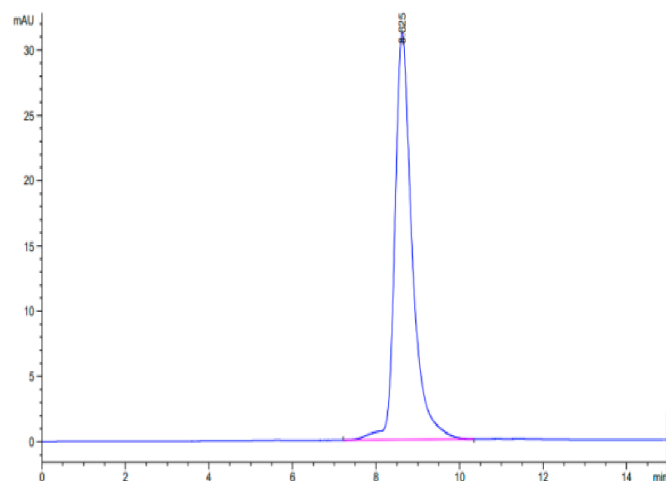
Assay Data

Bis-Tris PAGE



SEC-HPLC

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.