

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 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. 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 pro-survival function in others. survivin-2B promoted autophagy and further regulated cell death by accumulating and stabilizing IKK alpha in the nucleus.

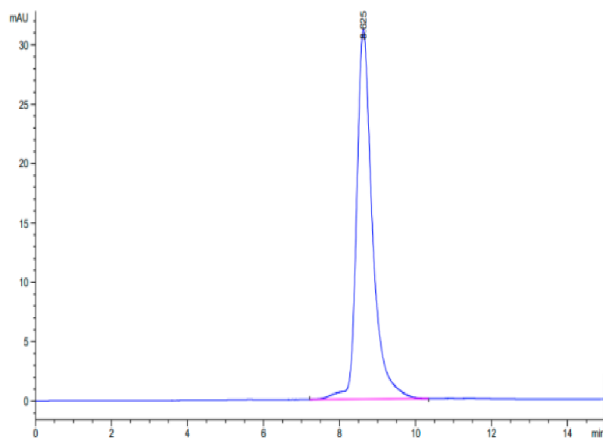
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



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