

# Human HLA-A\*24:02&B2M&Survivin 2B (AYACNTSTL) Tetramer Protein



Cat. No. MHC-HM430T

## Description

<b>Source</b>	Recombinant Human Survivin 2B(HLA-A*24:02) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus,tetramer is assembled by biotinylated monomer and streptavidin. It contains Gly25-Thr305(HLA-A*24:02), Ile21-Met119(B2M) and AYACNTSTL peptide.
<b>Accession</b>	AAA59600.1(HLA-A*24:02)&P61769(B2M)&AYACNTSTL
<b>Molecular Weight</b>	The protein has a predicted MW of 258 kDa. Due to glycosylation, the protein migrates to 260-265 kDa under Non reducing (N) condition based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

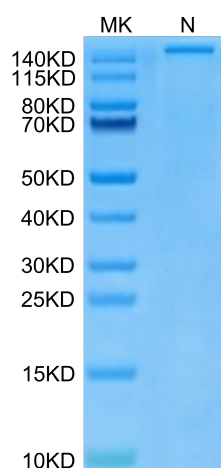
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

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

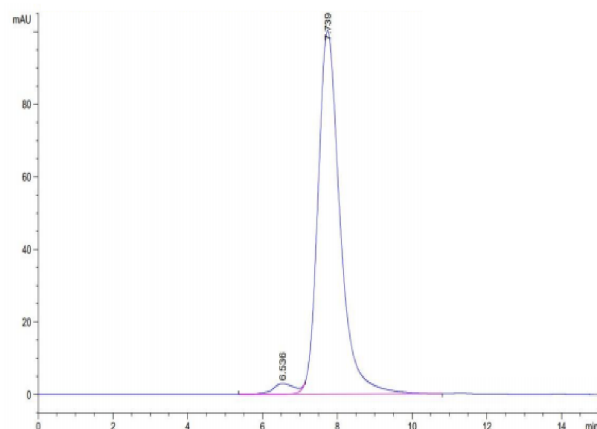
## Assay Data

### Bis-Tris PAGE



Human HLA-A\*24:02&B2M&Survivin 2B (AYACNTSTL) Tetramer on Bis-Tris PAGE under Non reducing (N) condition. The purity is greater than 95%.

### SEC-HPLC



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