



## Source

PE-Labeled Human HLA-A\*02:01&B2M&EBV EBNA3C (LLDFVRFMGV) Tetramer Protein(HLC-HP2H3) is expressed from human 293 cells (HEK293). It contains AA Gly 25 - Ile 308 (HLA-A\*02:01) & Ile 21 - Met 119 (B2M) & LLDFVRFMGV peptide (Accession # [AAA59606.1](#) (HLA-A\*02:01) & [P61769-1](#) (B2M) & LLDFVRFMGV).

Predicted N-terminus: Gly 25 & Leu

## Molecular Characterization

PE-Labeled Human HLA-A\*02:01&B2M&EBV EBNA3C (LLDFVRFMGV) Tetramer Protein is assembled by biotinylated monomer (HLC-H82E8) and PE-labeled streptavidin.

Biotinylated Human HLA-A\*02:01&B2M&EBV EBNA3C (LLDFVRFMGV) Complex Protein is produced by co-expression of HLA and B2M loaded with EBV EBNA3C peptide. Biotinylated Human HLA-A\*02:01&B2M&EBV EBNA3C (LLDFVRFMGV) Complex Protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).

## Conjugate

PE

Excitation Wavelength: 488 nm / 561 nm

Emission Wavelength: 575 nm

## Endotoxin

Less than 1.0 EU per µg by the LAL method.

## Purity

>90% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22 µm filtered solution in PBS, 1% BSA, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

## Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please protect from light and avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

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