Source

APC-Labeled Mouse H-2Kd&B2M&RSV M2 (VYNTVISYI) Tetramer Protein(H2M-MA2H5) is expressed from human 293 cells (HEK293). It contains AA Gly 22 - Thr 305 (H-2Kd) & Ile 21 - Met 119 (B2M) & VYNTVISYI peptide (Accession # P01902 (H-2Kd) & P01887 (B2M) & VYNTVISYI).
Predicted N-terminus: Gly 22 & Ile 21

Molecular Characterization

APC-Labeled Mouse H-2Kd&B2M&RSV M2 (VYNTVISYI) Tetramer Protein is assembled by biotinylated monomer and APC-labeled streptavidin.

Biotinylated Mouse H-2Kd&B2M&RSV M2 (VYNTVISYI) Complex Protein is produced by co-expression of H-2Kd and B2M loaded with RSV M2 peptide. Biotinylated Mouse H-2Kd&B2M&RSV M2 (VYNTVISYI) Complex Protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).

Conjugate

APC

Excitation Wavelength: 640 nm

Emission Wavelength: 661 nm

Endotoxin

Less than 1.0 EU per μg by the LAL method.

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.

Clinical and Translational Updates