



Synonym

Mamu-A\*01 & B2M

Source

PE-Labeled Rhesus macaque Mamu-A\*01&B2M Tetramer Protein(MAM-RP2H4) is expressed from human 293 cells (HEK293). It contains AA Gly 25 - Pro 307 (Mamu-A\*01) & Ile 21 - Met 119 (B2M) (Accession # [Q5TM76](#) (Mamu-A\*01) & [Q6V7J5](#) (B2M)).  
Predicted N-terminus: Gly 25 & Ile 21

Molecular Characterization

PE-Labeled Rhesus macaque Mamu-A\*01&B2M Tetramer Protein is assembled by biotinylated monomer and PE-labeled streptavidin.  
Biotinylated Rhesus macaque Mamu-A\*01&B2M Monomer Protein is produced by co-expression of Mamu-A and B2M. This 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.

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

