PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein

Cat. No. MHC-HM443TP

Description

Source	Recombinant PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin.
	It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M)and SLLQHLIGL peptide.
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&SLLQHLIGL
Wavelength	Excitation Wavelength: 488 nm / 561 nm
	Emission Wavelength: 575 nm
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.; -80°C for 3-6 months after reconstitution.; 2-8°C for 2-7 days after reconstitution.; Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

PRAME (PReferentially expressed Antigen in MElanoma) is a melanoma-associated antigen expressed in cutaneous and ocular melanomas and some other malignant neoplasms, while its expression in normal tissue and benign tumors is limited.