

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 1 EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in PBS, 0.2% BSA (pH 7.4).
Storage	Valid for 6 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.

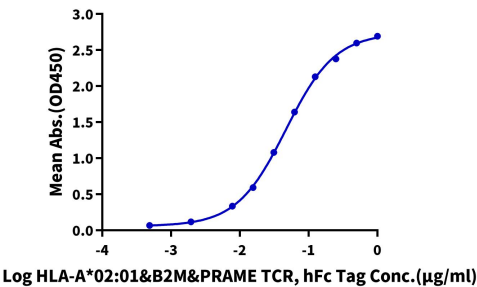
Background

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.

Assay Data

ELISA Data

PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag ELISA  
0.1µg PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag Per Well



Immobilized PE-Labeled Human HLA-A\*02:01&B2M&PRAME (SLLQHLIGL) Tetramer, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for HLA-A\*02:01&B2M&PRAME TCR, hFc Tag with the EC50 of 46.9ng/ml determined by ELISA.