

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



Cat. No. MHC-HE045TP

Description

|            |                                                                                                                                                                                                                                                                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Source     | Recombinant PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein is expressed from E.coli 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.<br>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<br>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 20mM Tris, 200mM NaCl, 0.2% BSA (pH 8.0).                                                                                              |
| 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. |

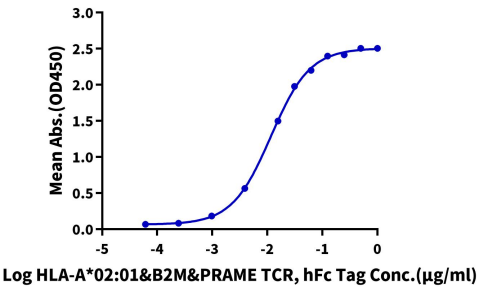
Background

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 11.6ng/ml determined by ELISA.