

# PE-Labeled Human HLA-A\*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer Protein



Cat. No. MHC-HM445TP

## Description

**Source** Recombinant PE-Labeled Human HLA-A\*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. PE-Labeled Human HLA-A\*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin

It contains Gly25-Thr305(HLA-A\*02:01), Ile21-Met119(B2M) and KVLEYVIKV peptide.

**Accession** A0A140T913(HLA-A\*02:01)&P61769(B2M)&KVLEYVIKV

**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

MAGE-A1 belongs to the chromosome X-clustered genes of cancer-testis antigen family and is normally expressed in the human germ line but is also overexpressed in various tumors.