

PE-Labeled Human HLA-A*02:01&B2M&MART-1 (ELAGIGILTV) Tetramer Protein



Cat. No. MHC-HM435TP

Description	
Source	Recombinant PE-Labeled Human HLA-A*02:01&B2M&MART-1 (ELAGIGILTV) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-A*02:01&B2M&MART-1 (ELAGIGILTV) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and ELAGIGILTV peptide.
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&ELAGIGILTV
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	Supplied as 0.22µm 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

Melanoma antigen recognized by T cell-1 (Mart-1), one of the melanosome-specific proteins, also recognized by cytotoxicity T lymphocytes as a marker. Mart-1 is considered to play a critical role in the immunotherapy for melanoma.