

# FITC-equivalent Human Peptide Ready HLA-E\*01:03&B2M Tetramer Protein



Cat. No. MHC-HM42RTF

## Description

<b>Source</b>	Recombinant FITC-equivalent Human Peptide Ready HLA-E*01:03&B2M Tetramer Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gly22-Thr302(HLA-E*01:03) and Ile21-Met119 (B2M).
<b>Accession</b>	P13747(HLA-E*01:03)&P61769(B2M)
<b>Molecular Weight</b>	The protein has a predicted MW of 301.2 kDa.
<b>Wavelength</b>	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

## Formulation and Storage

<b>Formulation</b>	Supplied as 0.22 µm filtered solution in PBS, 300mM NaCl (pH 7.4).
<b>Storage</b>	Valid for 12 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

HLA-E\*01:03&B2M&Peptide ready Monomer is absent from peptide, namely peptide-receptive MHC. It can be loaded with antigenic peptides matching HLA-E\*01:03. Peptide ready MHC molecules comprising human HLA alleles and B2M, which can be readily tetramerized and loaded with peptides of choice in a high-throughput manner.