

Cat. No. MHC-HM472AF6

Description	
Source	Recombinant AF647-Labeled Human HLA-A*11:01&B2M&MATN2 (KLTLSVFQK) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305 (HLA-A*11:01), Ile21-Met119 (B2M) and KLTLSVFQK peptide.
Accession	AAV53343.1(HLA-A*11:01)&P61769(B2M)&KLTLSVFQK
Molecular Weight	The protein has a predicted MW of 50.50 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS (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	
The matrilins represent a new family of oligomeric proteins that are assumed to act as adapter molecules connecting other proteins and proteoglycans in the extracellular matrix. Matrilin-2, the largest member of the family, is a widely distributed, oligomeric extracellular matrix protein. It incorporates into loose and dense connective tissue and forms a filamentous network by binding to a variety of different extracellular matrix proteins.	

Assay Data

Bis-Tris PAGE

