

Biotinylated Human HLA-A*11:01&B2M&MATN2 (KLTLSVFQK) Monomer Protein



Cat. No. MHC-HM472B

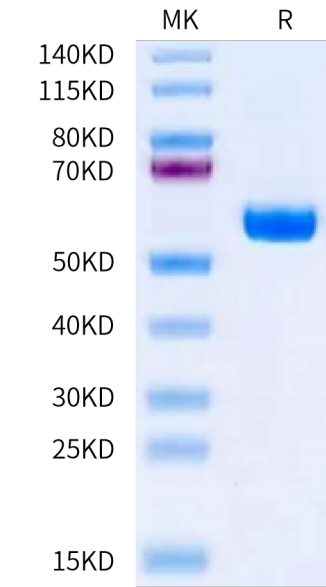
| Description | |
|------------------|--|
| Source | Recombinant Biotinylated Human HLA-A*11:01&B2M&MATN2 (KLTLSVFQK) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305 (HLA-A*11:01), Ile21-Met119 (B2M) and KLTLSVFQK peptide. |
| Accession | 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 > 95% as determined by HPLC |

| Formulation and Storage | |
|-------------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in PBS (pH 7.4). |
| Storage | 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 | |
|--|--|
| 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

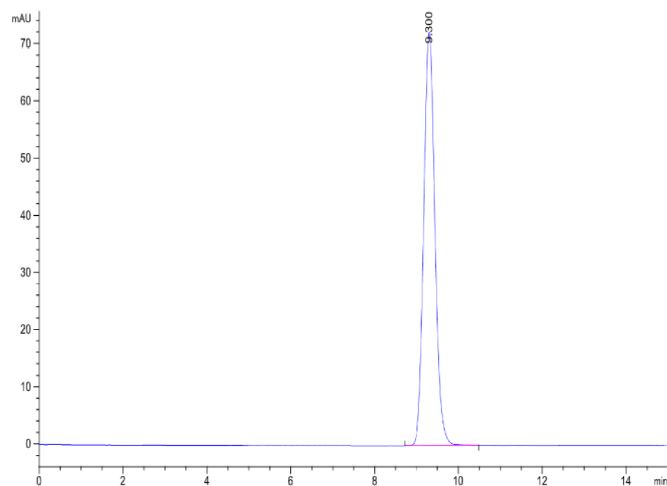
Bis-Tris PAGE



Biotinylated Human HLA-A*11:01&B2M&MATN2 (KLTLSVFQK) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Biotinylated Human HLA-A*11:01&B2M&MATN2 (KTLTSVFQK) Monomer is greater than 95% as determined by SEC-HPLC.