

Cat. No. MHC-HE001

Description

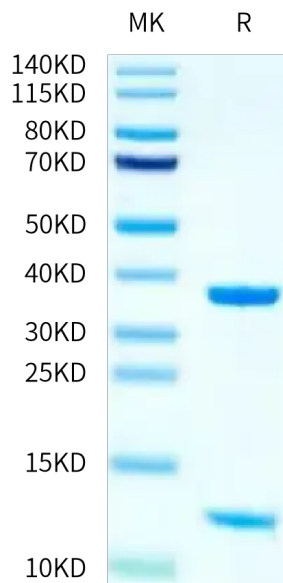
| | |
|-------------------------|---|
| Source | Recombinant Human HLA-A*11:01&B2M&KRAS WT (VVVGAGGVGK) Monomer Protein is expressed from E.coli with His tag and Avi tag at the C-Terminus. It contains Gly25-Thr305(HLA-A*11:01), Ile21-Met119(B2M) and VVVGAGGVGK peptide. |
| Accession | AAV53343.1(HLA-A*11:01)&P61769(B2M)&VVVGAGGVGK |
| Molecular Weight | The protein has a predicted MW of 35.36 kDa (HLA-A*11:01) and 11.9 kDa (B2M) same as Bis-Tris PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

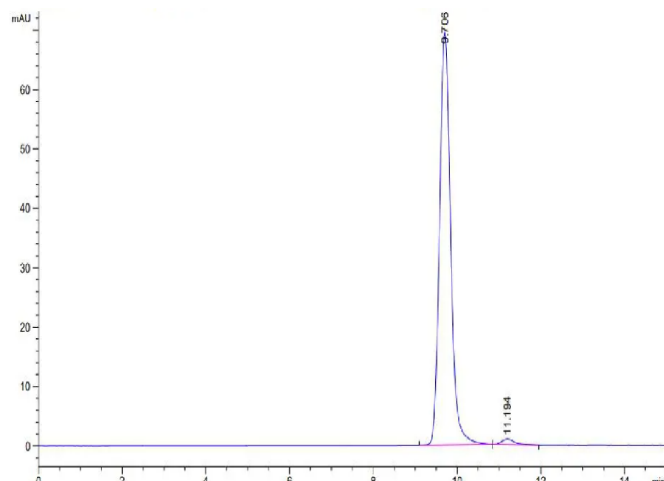
| | |
|--------------------|--|
| Formulation | Supplied as 0.22 µm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Kirsten rat sarcoma 2 viral oncogene homolog (KRAS) is the most commonly mutated oncogene in human cancer. The developments of many cancers depend on sustained expression and signaling of KRAS, which makes KRAS a high-priority therapeutic target.

Assay Data**Bis-Tris PAGE**

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

SEC-HPLC

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