Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Monomer Protein

Catalog # KRASG12V-HP007

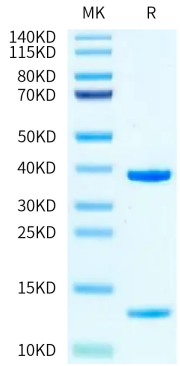
Product Details

Product description	Recombinant Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) 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 VVVGAVGVGK peptide (accession: AAV53343.1(HLA-A*11:01) & P61769(B2M) &VVVGAVGVGK).
Molecular aliases	MHC; KRAS; K-Ras 2; KRAS2; C-K-RAS; CFC2; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KRAS1; KRAS2; NS; NS3; RASK2; GTPase Kras; KI-RAS; RALD
Expression system	E. coli
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.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
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.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.