Biotinylated Human HLA-B*07:02&B2M&KRAS G12D (GADGVGKSAL) Monomer Protein

Catalog # KRASG12D-HB007

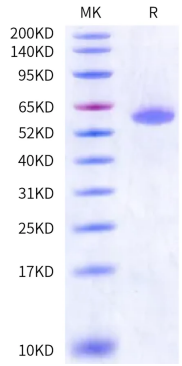
Product Details

Product description	Recombinant Biotinylated Human HLA-B*07:02&B2M&KRAS G12D (GADGVGKSAL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly25-Val309(HLA-B*07:02), Ile21-Met119(B2M) and GADGVGKSAL peptide (accession: P01889(HLA-B*07:02) & P61769(B2M) &GADGVGKSAL).
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	HEK293
Molecular weight	The protein has a predicted MW of 50.40 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 90% 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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human HLA-B*07:02&B2M&KRAS G12D (GADGVGKSAL) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.