# Human HLA-A*03:01&B2M&KRAS WT (VVVGAGGVGK) Monomer Protein

Catalog # KRASWT-HP003

## Product Details

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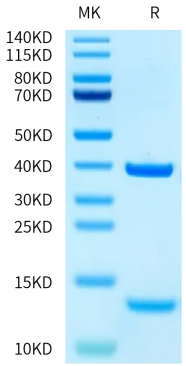
| **Product description** | Recombinant Human HLA-A*03:01&B2M&KRAS WT (VVVGAGGVGK) Monomer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305(HLA-A*03:01), Ile21-Met119(B2M) and VVVGAGGVGK peptide (accession: NP_002107.3(HLA-A*03:01) & P61769(B2M) &VVVGAGGVGK). |
| **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 35.26 kDa (HLA-A*03:01) 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 20mM Tris, 200mM NaCl (pH 8.0). |
| **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*03:01&B2M&KRAS WT (VVVGAGGVGK) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.