Biotinylated Human HLA-A*33:03&B2M&EGFR L858R (HVKITDFGR) Monomer Protein

Cat. No. MHC-HM471B

Description

Source	Recombinant Biotinylated Human HLA-A*33:03&B2M&EGFR L858R (HVKITDFGR) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.
	It contains Gly25-Thr305(HLA-A*33:03), Ile21-Met119(B2M) and HVKITDFGR peptide.
Accession	VCU43110.1(HLA-A*33:03)&P61769(B2M)&HVKITDFGR
Molecular Weight	The protein has a predicted MW of 50.8 kDa. Due to glycosylation, the protein migrates to 52-62 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

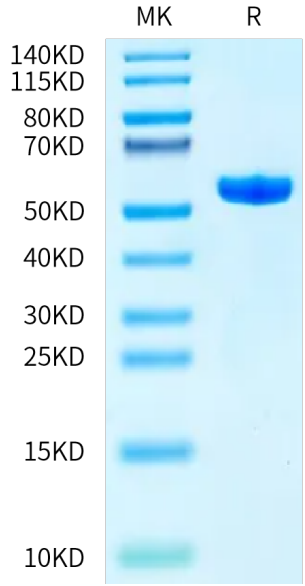
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The epidermal growth factor receptor is a transmembrane protein that is a receptor for members of the epidermal growth factor family of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR, HER2/neu, Her 3 and Her 4. Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses.

Assay Data

Bis-Tris PAGE



Biotinylated Human HLA-A*33:03&B2M&EGFR L858R (HVKITDFGR) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Biotinylated Human HLA-A*33:03&B2M&EGFR L858R (HVKITDFGR) Monomer Protein

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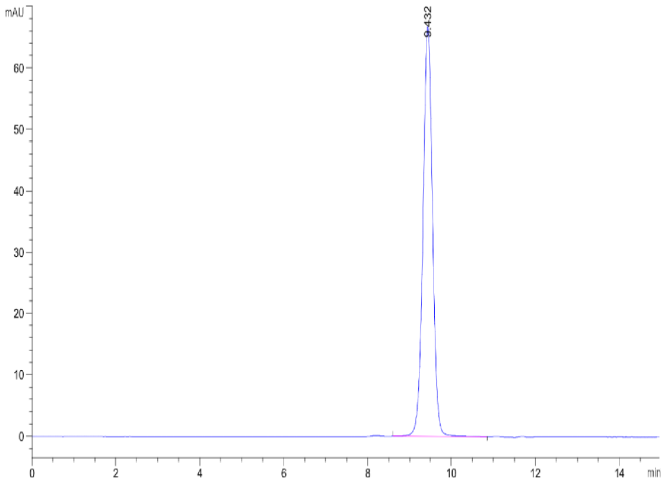
Assay Data



The purity of Biotinylated Human HLA-A*33:03&B2M&EGFR L858R (HVKITDFGR) Monomer is greater than 95% as determined by SEC-HPLC.