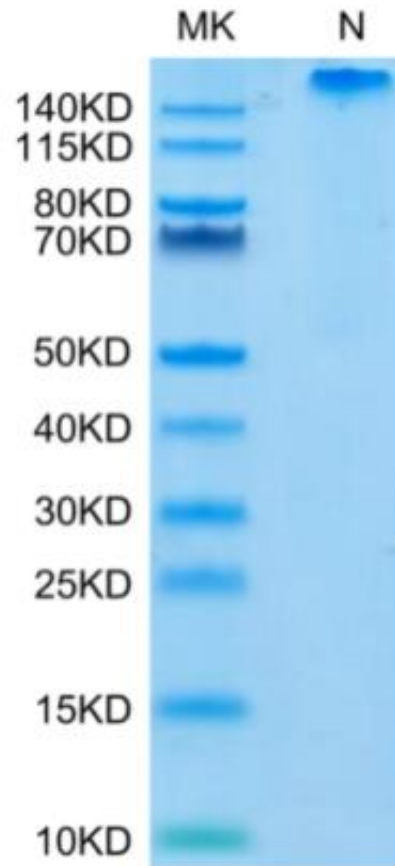


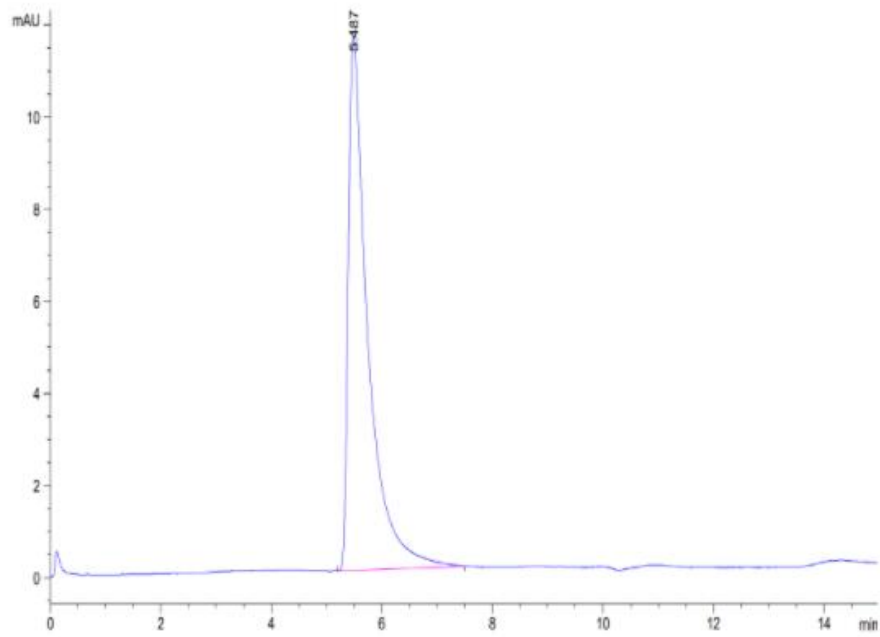
Recombinant Human HLA-E Complex Tetramer protein, C-His-Avi Tag

Product Information

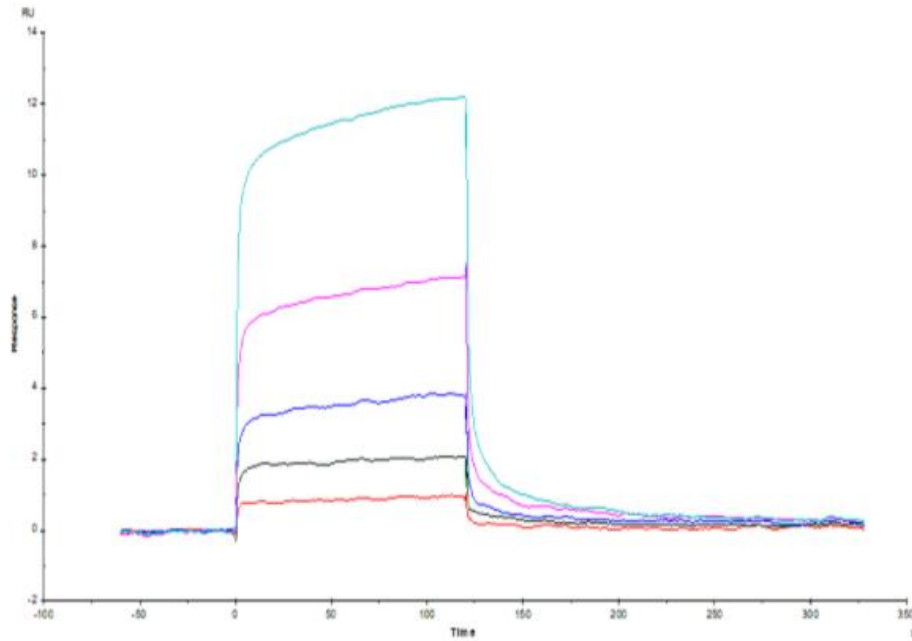
Cat	IMP-1621
Official Symbol	HLA-E
Product Overview	Recombinant Human HLA-E Complex Tetramer protein(P13747(HLA-E*01:03)&P61769(B2M)&VMAPRTLVL)(Gly25-Ile305(HLA-E*01:03),Ile21-Met119(B2M) and VMAPRTLVL peptide) is expressed from Expi293 with His tag and Avi tag at the C-terminal,tetramer is assembled by biotinylated monomer and streptavidin.
Expression System	HEK293
Species	Human
Tag	C-His-Avi Tag
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 258 kDa. Due to glycosylation, the protein migrates to 260-265 kDa under Non reducing (N) condition based on Tris-Bis PAGE result.
Protein length	It contains Gly25-Ile305(HLA-E*01:03),Ile21-Met119(B2M) and VMAPRTLVL peptide.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. '-20 to -80°C for 3-6 months in unopened state after reconstitution. 4-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.U17
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
SDS-PAGE	



HPLC



Bioactivity-SPR 1



Human NKG2A&CD94, His Tag immobilized on CM5 Chip can bind Human HLA-E*01:03 Complex Tetramer, His Tag with an affinity constant of 0.30 μ M as determined in a SPR assay (Biacore T200).