Recombinant Rhesus macaque HLA-G Complex Tetramer protein, C-His-Avi Tag

Product Information

Cat	*IMP-1629*
Official Symbol	*HLA-G*
Product Overview	*Recombinant Rhesus macaque HLA-G complex Tetramer Protein(O02948(HLA-G)&Q6V7J5(B2M)&RIIPRHLQL)(Gly25-Thr305(HLA-G),Ile21-Met119(B2M) and RIIPRHLQL 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	*Rhesus macaque*
Tag	*C-His-Avi Tag*
Form	*Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% 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-Thr305(HLA-G),Ile21-Met119(B2M) and RIIPRHLQL 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□ 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	

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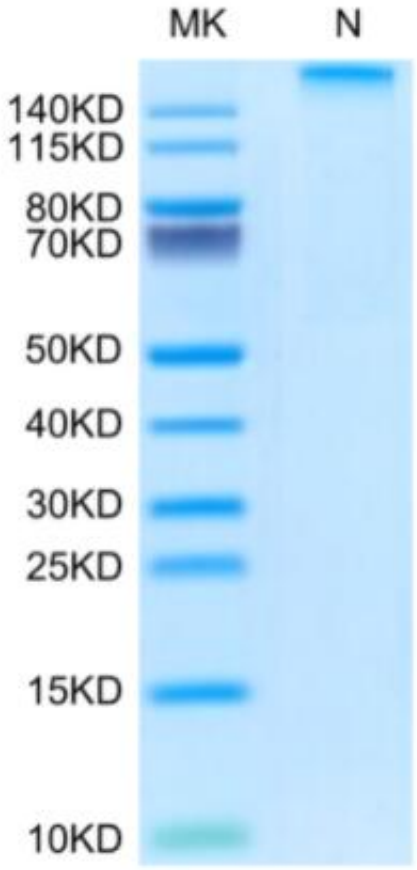

HPLC

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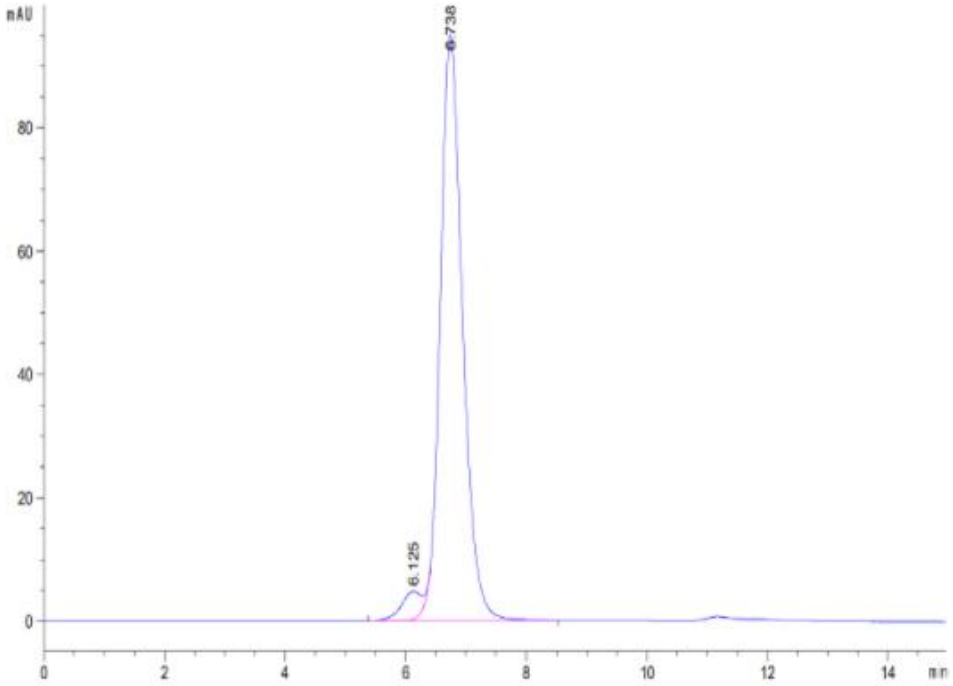

Bioactivity-SPR 1

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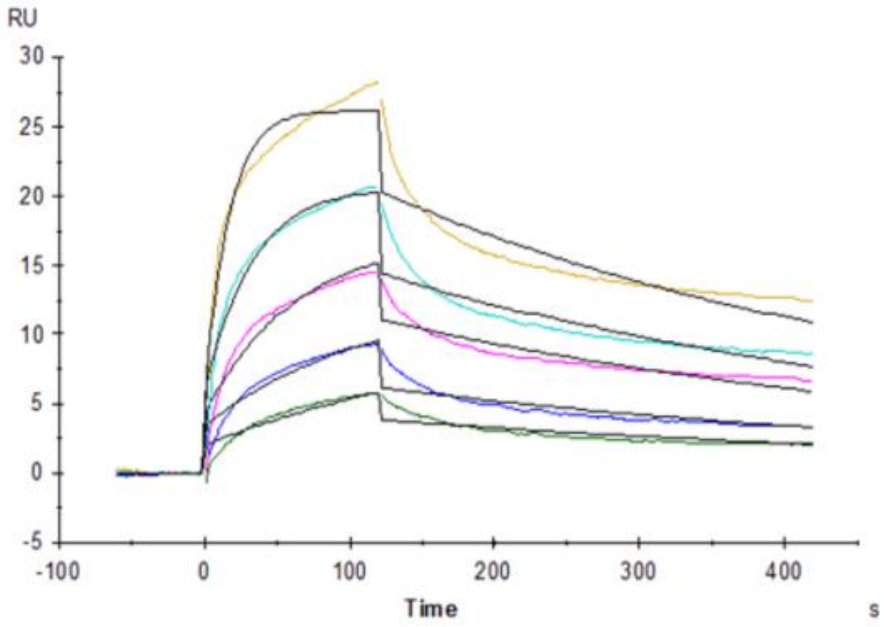

Rhesus macaque LILRB1, hFc Tag captured on CM5 Chip via Protein A can bind Rhesus macaque HLA-G Complex Tetramer, His Tag with an affinity constant of 1.74 nM as determined in SPR assay (Biacore T200).

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