Recombinant Cynomolgus HLA-G Tetramer protein, His-Avi-tagged

Cat. No. HLA-G-505C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus HLA-G Tetramer protein(E0WKX9(HLA-G)&Q8SPW0(B2M)&RIIPRHLQL) is expressed from HEK293 with His tag and Avi tag at the C-Terminus,tetramer is assembled by biotinylated monomer and streptavidin. It contains Gly25-Thr305(HLA-G),Ile21-Met119(B2M) and RIIPRHLQL peptide.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gly25-Thr305(HLA-G)&Ile21-Met119(B2M)
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Cynomolgus LILRB2, hFc Tag captured on CM5 Chip via Protein A can bind Cynomolgus HLA-G Complex Tetramer, His Tag with an affinity constant of 42.50 nM as determined in SPR assay (Biacore T200).
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.
Endotoxin	Less than 1EU per μg by the LAL method.

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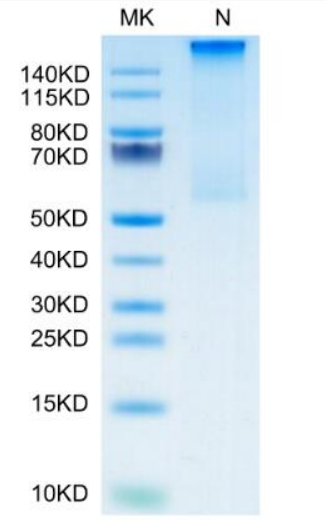
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Tris-Bis PAGE	

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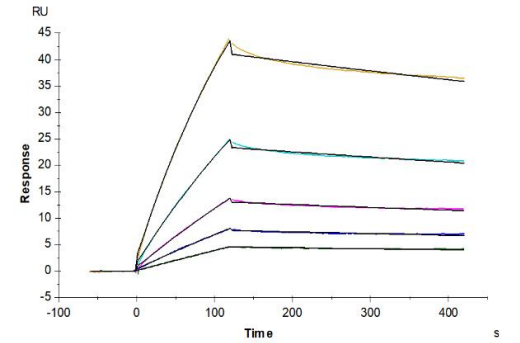
SPR Data	

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