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

Cat. No. HLA-G-503C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus HLA-G Protein(E0WKX9(HLA-G)&Q8SPW0(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.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gly25-Thr305(HLA-G),Ile21-Met119(B2M) and RIIPRHLQL peptide
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 50.6 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
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. 2-8°C for 2-7 days after reconstitution.

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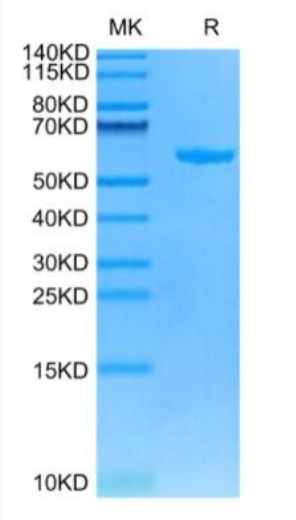
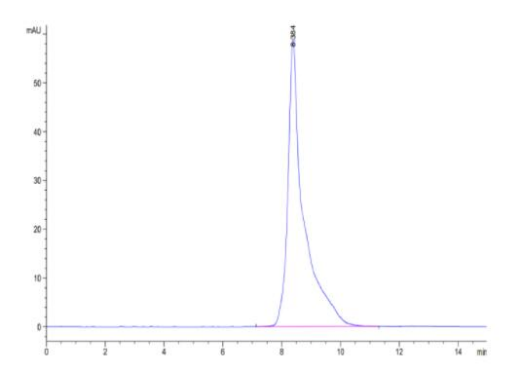
	Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Tris-Bis PAGE	
SEC-HPLC	

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