

Cynomolgus GAS6 Protein

Cat. No. GAS-CM106



Description

Source	Recombinant Cynomolgus GAS6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala31-Ala637.
Accession	A0A2K5VGX7
Molecular Weight	The protein has a predicted MW of 68.55 kDa. Due to glycosylation, the protein migrates to 69-74 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

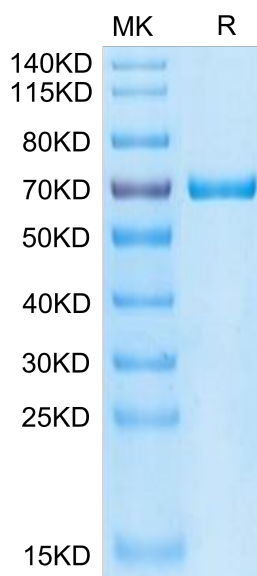
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Growth arrest-specific 6, also known as Gas6, is a human gene encoding the Gas6 protein, which was originally found to be upregulated in growth-arrested fibroblasts. Gas6 is a member of the vitamin K-dependent family of proteins expressed in many human tissues and regulates several biological processes in cells, including proliferation, survival and migration, by binding to its receptors Tyro3, Axl and Mer (TAM).

Assay Data

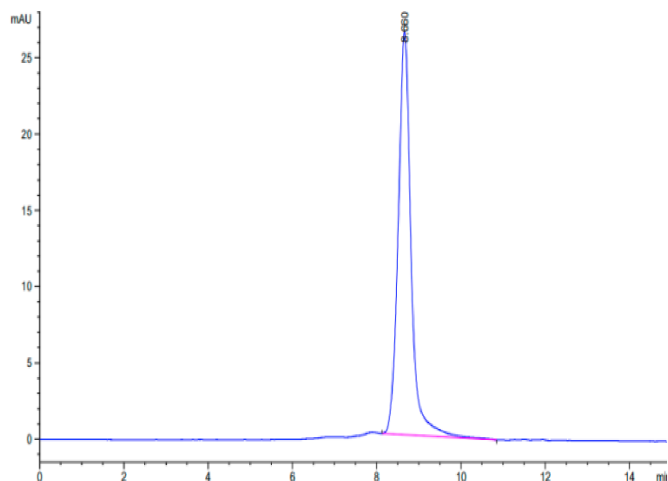
Bis-Tris PAGE



Cynomolgus GAS6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

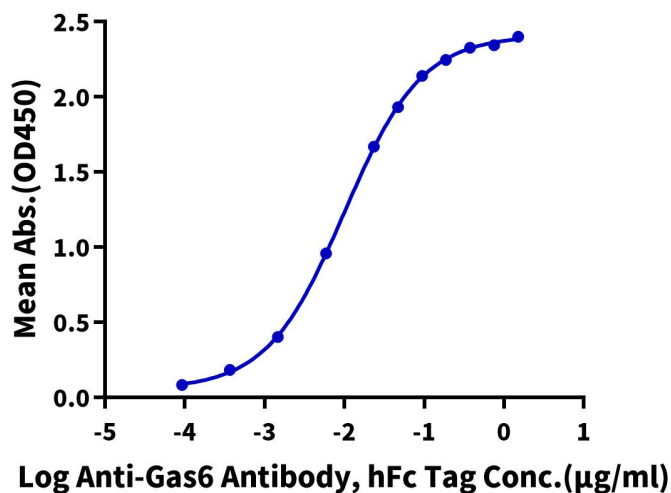


The purity of Cynomolgus GAS6 is greater than 95% as determined by SEC-HPLC.

ELISA Data

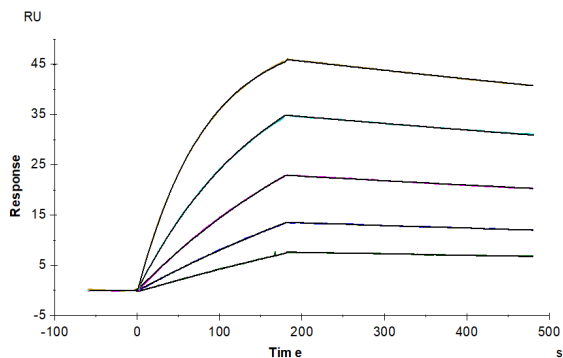
Cynomolgus GAS6, His Tag ELISA

0.2µg Cynomolgus GAS6, His Tag Per Well



Immobilized Cynomolgus GAS6, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-Gas6 Antibody, hFc Tag with the EC50 of 10.0ng/ml determined by ELISA (QC Test).

SPR Data



Cynomolgus Ax1, His Tag immobilized on CM5 Chip can bind Cynomolgus GAS6, His Tag with an affinity constant of 1.70 nM as determined in SPR assay (Biacore T200).