

Datasheet for ABIN7274696

GAS6 Protein (AA 31-637) (His tag)[Go to Product page](#)**4** Images

Overview

Quantity:	100 µg
Target:	GAS6
Protein Characteristics:	AA 31-637
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAS6 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus GAS6 Protein
Sequence:	Ala31-Ala637
Characteristics:	Recombinant Cynomolgus GAS6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala31-Ala637.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	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 36.2ng/ml determined by ELISA. The affinity constant of 1.70 nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

Target:	GAS6
Alternative Name:	GAS6 (GAS6 Products)
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).
Molecular Weight:	68.55 kDa. Due to glycosylation, the protein migrates to 69-74 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5VGX7
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

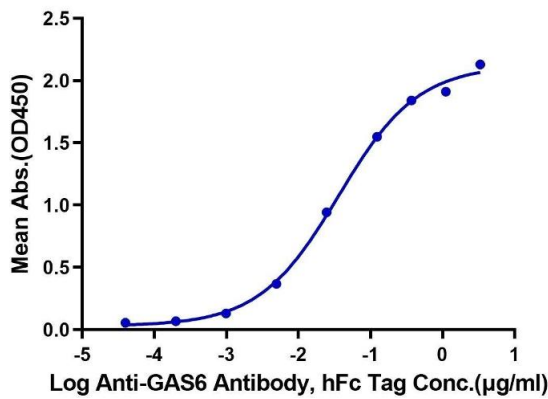
Application Details

Restrictions:	For Research Use only
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Handling

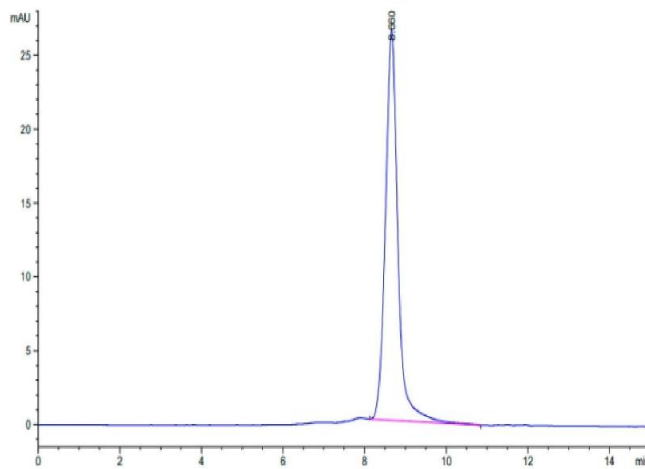
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months

Cynomolgus GAS6, His Tag ELISA
0.2µg Cynomolgus GAS6, His Tag Per Well



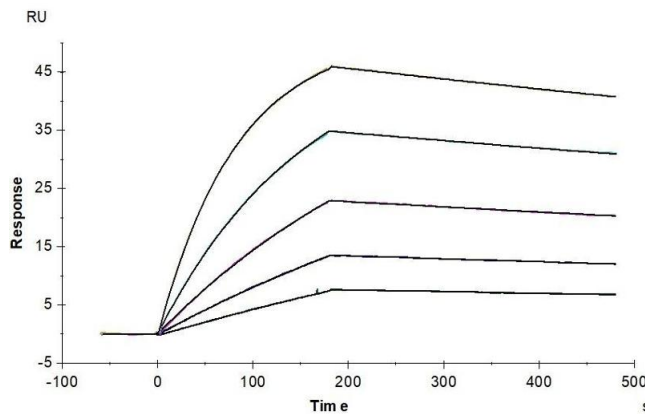
ELISA

Image 1. Immobilized Cynomolgus GAS6, His Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-Gas6 Antibody, hFc Tag with the EC₅₀ of 36.2 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus GAS6 is greater than 95 % as determined by SEC-HPLC.



Surface Plasmon Resonance

Image 3. Cynomolgus Axl, 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).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274696.