

Datasheet for ABIN7274698

**GAS6 Protein (AA 49-678) (His tag)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	GAS6
Protein Characteristics:	AA 49-678
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAS6 protein is labelled with His tag.

## Product Details

Purpose:	Human GAS6 Protein
Sequence:	Ala49-Ala678
Characteristics:	Recombinant Human GAS6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala49-Ala678.
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 Human GAS6, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-GAS6 Antibody, hFc Tag with the EC50 of 11.7ng/ml determined by ELISA. See testing image for detail.

## Target Details

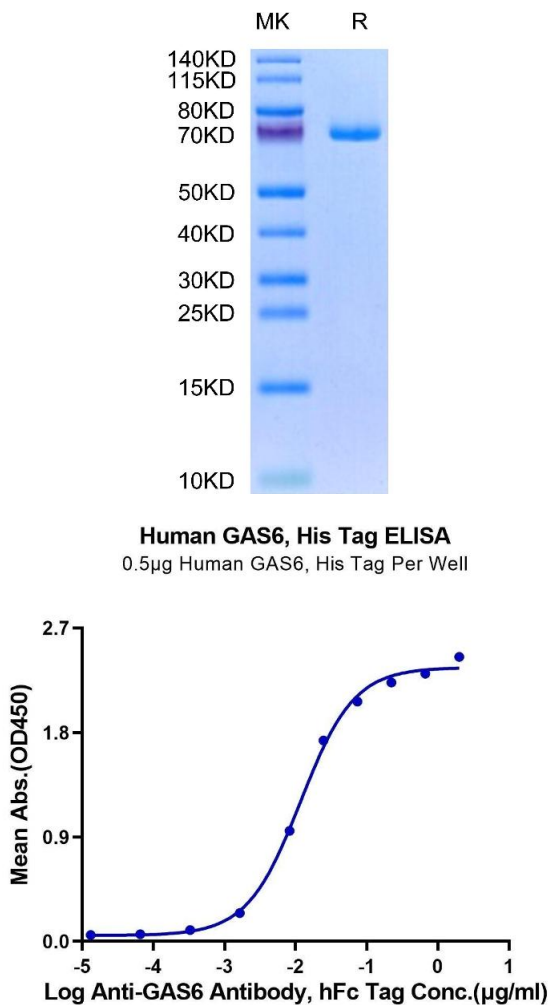
Target:	GAS6
Alternative Name:	GAS6 ( <a href="#">GAS6 Products</a> )
Background:	Growth arrest-specific 6, also known as Gas6, is a human gene encoding the Gas6 protein, which was originally found to be upregulated in growth-arrested fibroblasts. Gas6 is a member of the vitamin K-dependent family of 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:	70.60 kDa. Due to glycosylation, the protein migrates to 71-75 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## 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

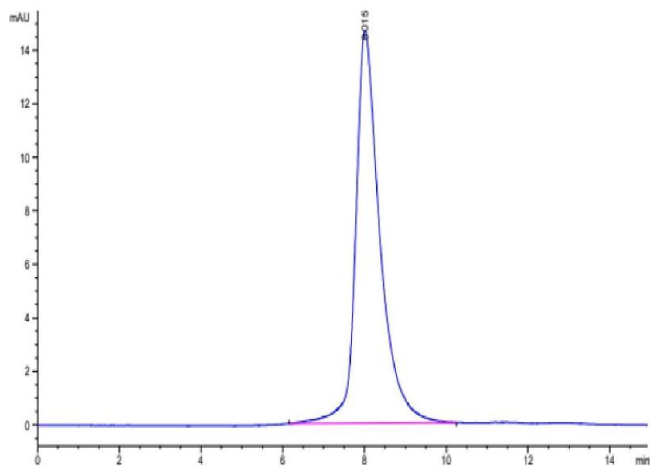


### SDS-PAGE

**Image 1.** Human GAS6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

### ELISA

**Image 2.** Immobilized Human GAS6, His Tag at 5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-GAS6 Antibody, hFc Tag with the EC50 of 11.7 ng/mL determined by ELISA.



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 3.** The purity of Human GAS6 is greater than 95 % as determined by SEC-HPLC.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7274698.