

[Go to Product page](#)

Datasheet for ABIN7454127

GAS6 Protein (AA 28-674) (His tag)

Overview

Quantity:	100 µg
Target:	GAS6
Protein Characteristics:	AA 28-674
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAS6 protein is labelled with His tag.

Product Details

Purpose:	Mouse GAS6 Protein
Sequence:	Val28-Pro674
Characteristics:	Recombinant Mouse GAS6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val28-Pro674.
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 Mouse GAS6, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human AXL, hFc Tag with the EC50 of 3.1ng/ml determined by ELISA (QC Test). The affinity constant of 15.62 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:	73.09 kDa. Due to glycosylation, the protein migrates to 74-90 kDa based on Tris-Bis PAGE result.
UniProt:	Q61592
Pathways:	RTK Signaling , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response

Application Details

Restrictions:	For Research Use only
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