

Human GAS6 Protein

Cat. No. GAS-HM206

Description

Source	Recombinant Human GAS6 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp279-Ala678.
Accession	Q14393-2
Molecular Weight	The protein has a predicted MW of 75.5 kDa. Due to glycosylation, the protein migrates to 90-110 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

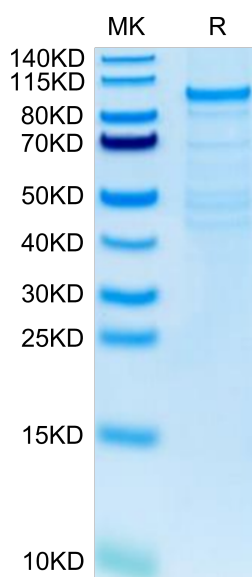
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

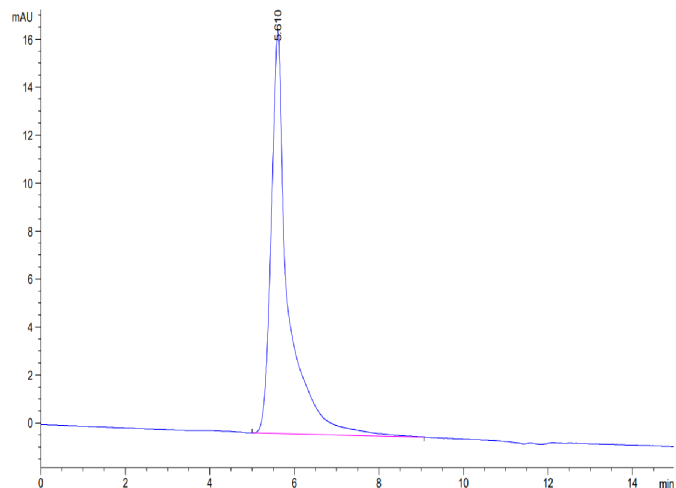
Bis-Tris PAGE



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

SEC-HPLC

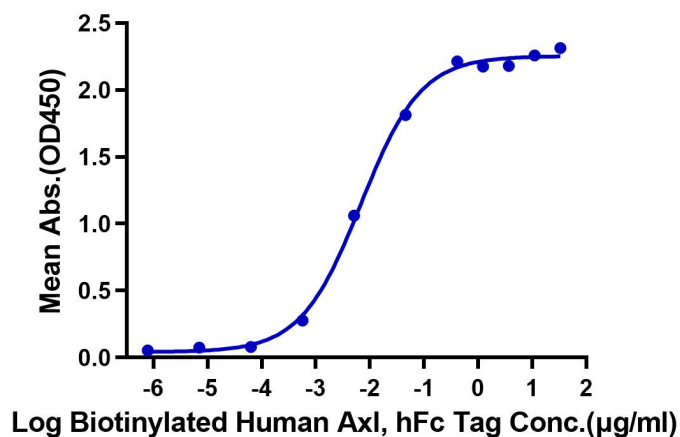
Assay Data



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

ELISA Data

Human GAS6, hFc Tag ELISA
0.5µg Human GAS6, hFc Tag Per Well



Immobilized Human GAS6, hFc Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human Axl, hFc Tag with the EC50 of 6.8ng/ml determined by ELISA.