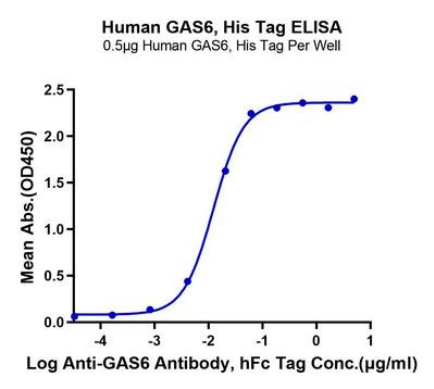
Bioactive HuPro®

GAS6 (Human) Recombinant Protein

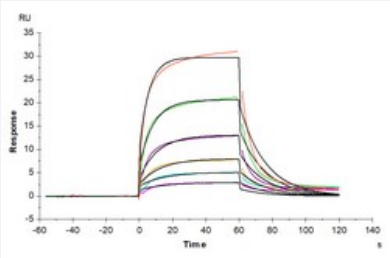
Catalog # P9752 Size 100 ug

Applications



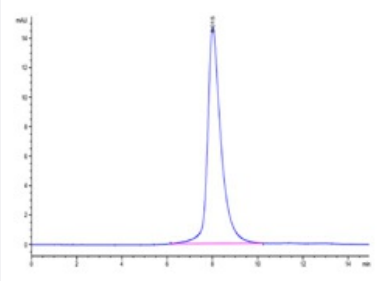
Enzyme-linked Immunoabsorbent Assay

Immobilized Human GAS6, His Tag at 5 ug/mL (100 uL/mL/well) on the plate. Dose response curve for Anti-GAS6 Antibody, hFc Tag with the EC50 of 12.3 ng/mL determined by ELISA (QC Test).



Surface Plasmon Resonance

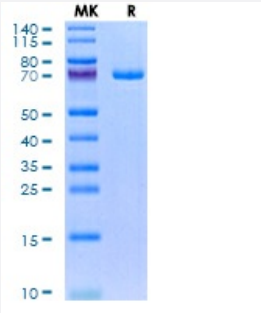
Human GAS6, His Tag immobilized on CM5 Chip can bind Human TYRO3, His Tag with an affinity constant of 2.36 uM as determined in SPR assay (Biacore T200).



SEC-HPLC

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

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Tris-Bis PAGE

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

Specification

Product Description	Human GAS6 (Q14393-2, Ala49-Ala678) partial recombinant protein with His tag at C-terminus expr essed in HEK293 cells.
Sequence	Ala49-Ala678
Host	Human
Theoretical MW (kDa)	70.59999999999989
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC_{50} was 12.3 ng/mL, messured by ELISA at 5 ug/mL. The affinity constant of 2.36 uM as deter mined in SPR assay (Biacore T200).
Quality Control Testing	SEC-HPLC and Tris-Bis PAGE SEC-HPLC The purity of Human GAS6 is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human GAS6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Recommend Usage	Biological Activity ELISA SPR SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.22 um filtered solution of PBS, pH 7.4 (8% trehalose). Trehalose is added as protectant before lyophilization.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -80°C or lower. Aliquot to avoid repeated freezing and thawing.

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Note	Result of bioactivity analysis

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human GAS6, His Tag at 5 ug/mL (100 uL/mL/well) on the plate. Dose response curve for Anti-GAS6 Antibody, hFc Tag with the EC50 of 12.3 ng/mL determined by ELISA (QC Test).
- SDS-PAGE
- Surface Plasmon Resonance

  Human GAS6, His Tag immobilized on CM5 Chip can bind Human TYRO3, His Tag with an affinity constant of 2.36 uM as determined in SPR assay (Biacore T200).

Gene Info — GAS6

Entrez GeneID	2621
Protein Accession#	Q14393-2
Gene Name	GAS6
Gene Alias	AXLLG, AXSF, DKFZp666G247, FLJ34709
Gene Description	growth arrest-specific 6
Omim ID	600441
Gene Ontology	Hyperlink
Gene Summary	This gene product is a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation, and may play a role in thrombosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	AXL receptor tyrosine kinase ligand|AXL stimulatory factor|OTTHUMP00000018777

Disease

- Angina Pectoris

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- Brain Ischemia
- Carotid Artery Diseases
- Cerebral Hemorrhage
- Cerebrovascular Accident
- Genetic Predisposition to Disease
- Myocardial Infarction
- Stroke

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