

GAS6 Protein, Human, Recombinant (Avi & His), Biotinylated

General Information

Synonyms:	AXLLG;Growth arrest-specific protein 6;AXL receptor tyrosine kinase ligand;GAS-6
Protein Construction:	Ala31-Ala678
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q14393
Molecular Weight:	80-90 KDa (reducing condition)
AA Sequence:	Ala31-Ala678

QC Testing

Biological Activity:	Loaded Biotinylated Human GAS6-Avi-His on SA Biosensor, can bind Human AXL-Fc with an affinity constant of 1.02 pM as determined in BLI assay. (Regularly tested)
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 8% Sucrose, 0.05% Tween 80, pH 7.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

Human Growth arrest-specific protein 6 (GAS6) is ligand for tyrosine-protein kinase receptors AXL, TYRO3 and MER whose signaling is implicated in cell growth and survival, cell adhesion and cell migration. GAS6/AXL signaling plays a role in various processes such as endothelial cell survival during acidification by preventing apoptosis, optimal cytokine signaling during human natural killer cell development, hepatic regeneration, gonadotropin-releasing hormone neuron survival and migration, platelet activation, or regulation of thrombotic responses. It also can bridge virus envelope phosphatidylserine to the TAM receptor tyrosine kinase Axl to mediate viral entry by apoptotic mimicry.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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