

GAS6 Protein, Human, Recombinant (aa 279-678, His)

General Information

Synonyms:	AXSF;AXLLG;FLJ34709;DKFZp666G247
Protein Construction:	Ala49-Ala678
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q14393-2
Molecular Weight:	70.60 kDa (Predicted); 71-75 kDa (Due to glycosylation)

QC Testing

Biological Activity:	Immobilized Human GAS6, His Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Human Axl, hFc Tag with the EC50 of 2.6 ng/ml determined by ELISA. Human GAS6, His Tag immobilized on CM5 Chip can bind Human TYRO3, His Tag with an affinity constant of 2.36 µM as determined in SPR assay (Biacore T200).
Purity:	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. After reconstitution under sterile conditions, samples are stable for up to three months at -20°C to -80°C.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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