

For Research Use Only

Recombinant Human GAS6 protein (rFc Tag)



Catalog Number: Eg4871

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human GAS6 protein Asp279-Ala678 (Accession# Q14393-2) with a rabbit IgG Fc tag at the N-terminus.

GeneID:
2621

Accession:
Q14393-2

Predicted Molecular Mass:
71.5 kDa

SDS-PAGE:
65-85 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Growth arrest-specific protein 6 (GAS6) is also named as AXLLG. 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 can bridge virus envelope phosphatidylserine to the TAM receptor tyrosine kinase Axl to mediate viral entry by apoptotic mimicry.

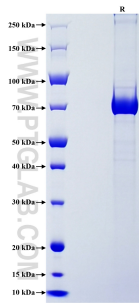
References

1. D'Arcangelo, Daniela et al. Circulation research vol. 91,7 (2002): e4-12.
2. Park, Il-Kyoo et al. Blood vol. 113,11 (2009): 2470-7.
3. Morizono, Kouki et al. Cell host & microbe vol. 9,4 (2011): 286-98.

Synonyms

AXLLG, AXSF, GAS 6, GAS-6, growth arrest 6

Selected Validation Data



Purity of Recombinant Human GAS6 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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