

Datasheet for ABIN7319834

GAS6 Protein (His tag)**2** Images[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | GAS6 |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This GAS6 protein is labelled with His tag. |

Product Details

| | |
|------------------------------|--|
| Purpose: | Recombinant Human GAS6 (C-6His) |
| Sequence: | Ala31-Ala678 |
| Characteristics: | Recombinant Human Growth Arrest-specific Protein 6 is produced by our Mammalian expression system and the target gene encoding Ala31-Ala678 is expressed with a 6His tag at the C-terminus. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |
| Biological Activity Comment: | Immobilized Human AXL-His (Cat#C02B) at 10µg/ml (100 µl/well) can bind Human GAS6-His* (Cat#C01W).*: Biotinylated by NHS-biotin prior to testing. The ED50 of Recombinant Human GAS6-His* (Cat#C01W) is 0.04466 ug/ml. |

Target Details

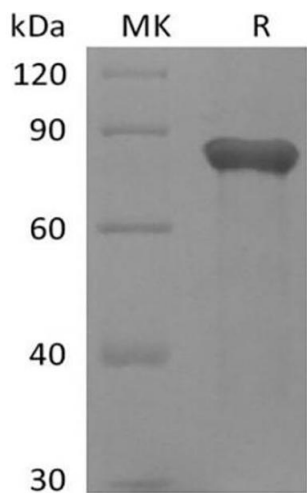
| | |
|-------------------|---|
| Target: | GAS6 |
| Alternative Name: | GAS6 (GAS6 Products) |
| Background: | <p>Background: GAS6 (Growth arrest-specific protein 6) is also known as AXL receptor tyrosine kinase ligand, AXLLG, is a multimodular protein that is up-regulated by a wide variety of cell types in response to growth arrest. Gas6 binds and induces signaling through the receptor tyrosine kinases Axl, Dtk, 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.</p> <p>Synonym: AXLLG, AXLLGAXL stimulatory factor, AXSFAXL receptor tyrosine kinase ligand, Gas6, GAS-6, growth arrest-specific 6, growth arrest-specific protein 6</p> |
| Molecular Weight: | 72.7 kDa |
| UniProt: | Q14393 |
| Pathways: | RTK Signaling , Carbohydrate Homeostasis , Production of Molecular Mediator of Immune Response |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

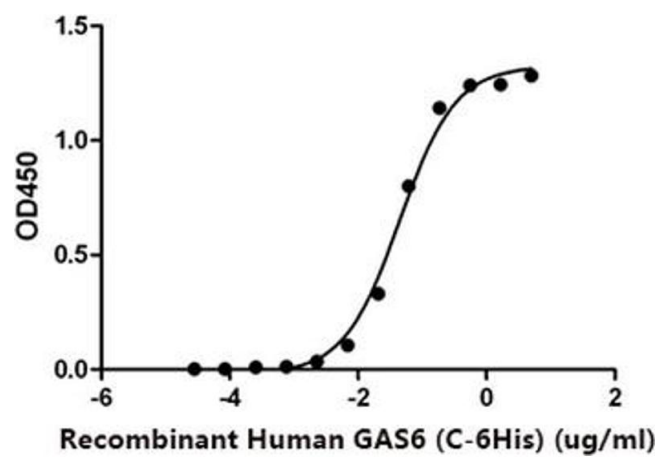
Handling

| | |
|------------------|--|
| Format: | Frozen, Liquid |
| Buffer: | Supplied as a 0.2 µm filtered solution of PBS, 10 % Glycerol, pH 7.4. |
| Storage: | -20 °C |
| Storage Comment: | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |



Western Blotting

Image 1.



ELISA

Image 2.