

PRODUCT INFORMATION

GAS6 **Target**

Synonyms AXLLG; AXSF

Recombinant human GAS6 protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q14393 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

GAS6(Ala31-Ala678) 6×His tag Characterization

The protein has a predicted molecular mass of

72.7 kDa after removal of the signal peptide. The apparent molecular mass of GAS6-His is **Molecular Weight**

approximately 70-100 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a gamma-carboxyglutamic acid (Gla)-containing protein thought to be involved in the stimulation of cell proliferation. This gene is frequently overexpressed in many cancers and has been implicated as an adverse prognostic marker. Elevated protein levels are additionally associated with a variety of disease

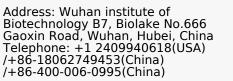
states, including venous thromboembolic disease, systemic lupus erythematosus, chronic renal failure, and preeclampsia. [provided by RefSeq,

Aug 2014]

Usage Research use only

Unconjugated Conjugate

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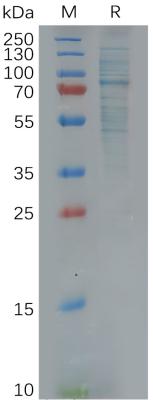


Figure 1. Human GAS6 Protein, His Tag on SDS-PAGE under reducing condition.

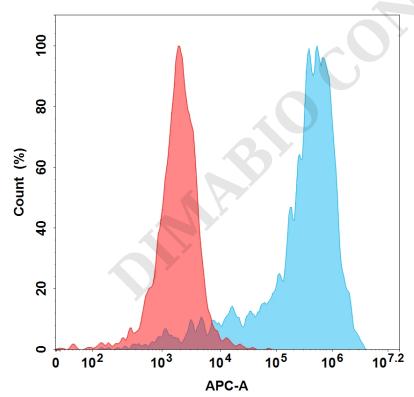


Figure 2. Flow cytometry analysis with 15 μ g/mL Human GAS6 Protein, His Tag (PME100619) on HEK293 cells transfected with Human AXL protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

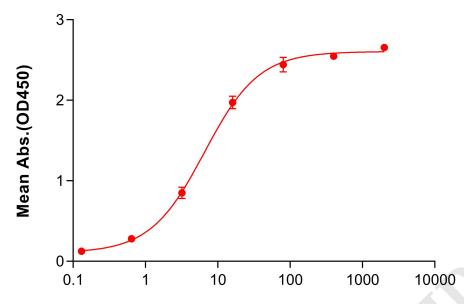


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Human GAS6, His Tagged protein ELISA

0.2 μg of Human GAS6, His tagged protein per well



Anti-GAS6 antibody(8D1), IgG1 Chimeric mAb (ng/mL)

Figure 3. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human GAS6 Protein, His Tag (PME100619) can bind Anti-GAS6 antibody(8D1), IgG1 Chimeric mAb (DMC101359) in a linear range of 3.2–16 ng/mL.

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