

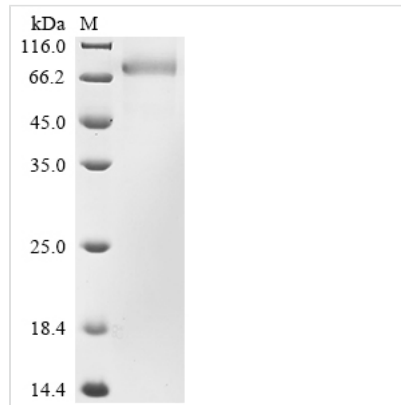


# Recombinant Human Growth arrest-specific protein 6 (GAS6) (Active)

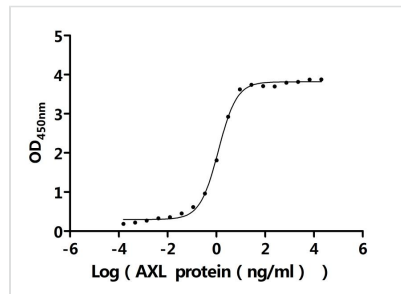
|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-MP619872HUd7   |
| <b>Abbreviation</b>        | Recombinant Human GAS6 protein (Active)  |
| <b>Storage</b>             | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>         | Q14393   |
| <b>Form</b>                | Lyophilized powder   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4   |
| <b>Product Type</b>        | Recombinant Protein  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Biological Activity</b> | <p>① Measured by its binding ability in a functional ELISA. Immobilized Human GAS6 at 4 µg/mL can bind Human AXL (CSB-MP326981HUd9). The EC50 is 1.100-1.324 ng/mL.</p> <p>② Human AXL (CSB-MP326981HUd9) captured on Protein A Chip can bind Recombinant Human GAS6 with an affinity constant of 3.65 nM as detected by MetaSPR Assay (WeSPRTM 200).</p> <p>③ Measured by its binding ability in a functional ELISA. Immobilized Human GAS6 at 2 µg/mL can bind Anti-GAS6 recombinant antibody (CSB-RA619872MA1HU). The EC50 is 12.31-14.86 ng/mL.</p> <p>④ GAS6 Recombinant Monoclonal Antibody (CSB-RA619872MA1HU) captured on Protein A Chip can bind Recombinant Human GAS6 with an affinity constant of 0.767 nM as detected by MetaSPR Assay (WeSPRTM 200).</p>   |
| <b>Purity</b>              | ≥ 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | <p>ALLPAREATQFLRPRQRRAFQVFEEAKQGHLERECVEELCSREEAREVFEND<br/>         PETDYFYPRLDCINKYGSPYTKNSGFATCVQNLDPDQCTPNPCDRKGTQACQ<br/>         DLMGNFFCLCKAGWGGRLCDKDVNECSQENGGCLQICHNKPGSFHCSCHS<br/>         GFELSSDGRTCQDIDECADSEACGEARCKNLPGSYSCLCDEGFAYSSQEKAC<br/>         RDVDECLQGRCEQVCVNSPGSYTCHCDGRGGLKLSQDMDTCEDILPCVPFS<br/>         VAKSVKSLYLGRMFSGTPVIRLRFKRLQPTLVAEFDFTFDPEGILLFAGGHQ<br/>         DSTWIVLALRAGRLELQLRYNGVGRVTSSGPVINHGMWQTISVEELARNLVIKV<br/>         NRDAVMKIAVAGDLFQPERGLYHLNLTVGGIPFHEKDLVQPINPRLDGCMRSW<br/>         NWLNGEDTTIQETVKVNTRMQCFSVTERGSFYPGSGFAFYSLDYMRTPLDVG<br/>         TESTWEVEVVAHIRPAADTGVLFWALWAPDLRAVPLSVALVDYHSTKCLKKQLV<br/>         VLAVEHTALALMEIKVCDGQEHVTVSLRDGEATLEVDGTRGQSEVSAAQLQE<br/>         RLAVLERHLRSPVLTFAAGLPDVPVTSAPVTAFYRGCMTLEVNRRLLDLDEAA<br/>         YKHS DITAHSCPPVEPAAA</p> |
| <b>Source</b>              | Mammalian cell   |



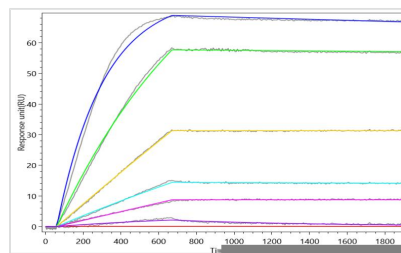
|                          |   |
|--------------------------|---|
| <b>Target Names</b>      | GAS6  |
| <b>Expression Region</b> | 31-678aa  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| <b>Tag Info</b>          | C-terminal 10xHis-tagged  |
| <b>Mol. Weight</b>       | 78.1 kDa  |
| <b>Protein Length</b>    | Full Length of Mature Protein   |

**Image**


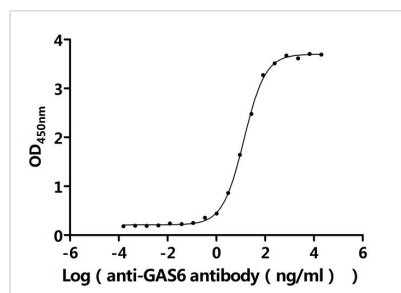
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



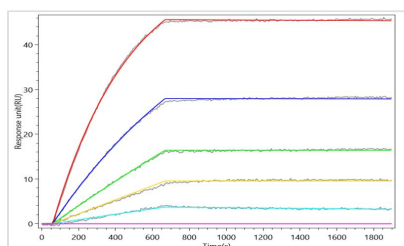
**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human GAS6 at 4 µg/ml can bind Human AXL (CSB-MP326981HUd9). The EC<sub>50</sub> is 1.100-1.324 ng/mL.



**Activity**  
Human AXL (CSB-MP326981HUd9) captured on Protein A Chip can bind Recombinant Human GAS6 with an affinity constant of 3.65 nM as detected by MetaSPR Assay (WeSPRTM 200).



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human GAS6 at 2 µg/ml can bind Anti-GAS6 recombinant antibody (CSB-RA619872MA1HU). The EC<sub>50</sub> is 12.31-14.86 ng/mL.



**Activity**  
 GAS6 Recombinant Monoclonal Antibody (CSB-RA619872MA1HU) captured on Protein A Chip can bind Recombinant Human GAS6 with an affinity constant of 0.767 nM as detected by MetaSPR Assay (WeSPRTM 200).

**Endotoxin**

Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.