

## Recombinant Rat Gas6 Protein, His&GST-tagged

**Cat. No.** Gas6-1563R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gas6 Protein (Glu100-Gln312) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu100-Gln312
<b>Description</b>	Predicted to enable several functions, including cysteine-type endopeptidase inhibitor activity involved in apoptotic process; phosphatidylserine binding activity; and signaling receptor binding activity. Involved in several processes, including activation of protein kinase B activity; positive regulation of intracellular signal transduction; and regulation of renal system process. Located in extracellular space. Used to study glomerulonephritis. Orthologous to human GAS6 (growth arrest specific 6).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 53.4 kDa Accurate Molecular Mass: 53 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	Gas6 growth arrest specific 6 [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Gas6
<b>Synonyms</b>	GAS6; growth arrest specific 6; growth arrest-specific protein 6; GPF; GAS-6; growth-potentiating factor; AXL receptor tyrosine kinase ligand;
<b>Gene ID</b>	58935
<b>mRNA Refseq</b>	NM_057100
<b>Protein Refseq</b>	NP_476441
<b>UniProt ID</b>	Q63772

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