Recombinant Rat Gas6 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Gas6 Protein (Glu100-Gln312) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Glu100-Gln312
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.4 kDa Accurate Molecular Mass: 53 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

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

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