

Growth Arrest Specific Protein 6 (GAS6) Recombinant Protein | GAS6 recombinant protein

Recombinant Growth Arrest Specific Protein 6 (GAS6)

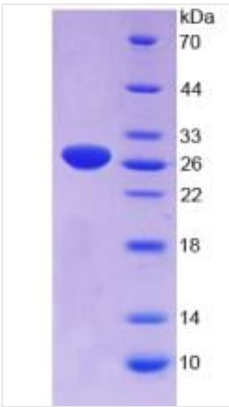
CATALOG # AAA20266	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Growth Arrest Specific Protein 6 (GAS6); Recombinant Growth Arrest Specific Protein 6 (GAS6); GAS6 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for GAS6 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Glu100~Gln312
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.25 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C 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.



Sequence Information

DKNPNFATCV KNLPDQCTPN PCDKKGTQLC QDLGNFFCL CKDGHGGRLC
DKDVNECSQK NGGCSQVCHN KPGSFQCACH SGFSLQSDNK SCQDIDECTD
SDTCGDARCK NLPGSYSCLC DKGYTYSSKE KTCQDVDECQ QQRCEQTCVN
SPGSYTCHCN GRGGLKLSPD MDTCEDILPC VPFSMAKSVK SLYLGRMFSG
TPVIRLRFKR LQ

E

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	48427855
NCBI GeneID	58935
UniProt Accession #	Q63772
Molecular Weight	Predicted Molecular Mass: 24.7kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Growth arrest-specific protein 6
NCBI Official Synonym Full Names	growth arrest specific 6
NCBI Official Symbol	Gas6
NCBI Protein Information	growth arrest-specific protein 6; GPF; GAS-6; growth-potentiating factor; AXL receptor tyrosine kinase ligand
UniProt Protein Name	Growth arrest-specific protein 6
UniProt Gene Name	Gas6
UniProt Synonym Gene Names	GAS-6; GPF
UniProt Entry Name	GAS6_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.