

## Recombinant Rat aHSG, His-tagged

**Cat. No.** aHSG-3325R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alpha-2-Heremans Schmid Glycoprotein (aHSG)
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	352
<b>Description</b>	inhibits insulin receptor tyrosine kinase activity; may be involved in bone mineralization and immune response .
<b>Form</b>	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Molecular Mass</b>	27.3kDa
<b>Endotoxin</b>	<1.0eu per 1ug (determined by the lal</1.0eu
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
<b>Notes</b>	Small volumes of aHSG recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.

 Tel: 1-631-559-9269    1-516-512-3133

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<b>Storage</b>	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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AhsG alpha-2-HS-glycoprotein [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	aHSG
<b>Synonyms</b>	AHSG; alpha-2-HS-glycoprotein; BSP; fetuin-A; glycoprotein PP63; phosphorylated N-glycoprotein pp63; alpha 2 HS-glycoprotein alpha 2 (fetuin); 59 kDa bone sialic acid-containing protein; pp63; Aa2-066;
<b>Gene ID</b>	<a href="#">25373</a>
<b>mRNA Refseq</b>	<a href="#">NM_012898</a>
<b>Protein Refseq</b>	<a href="#">NP_037030</a>
<b>Pathway</b>	Acetylcholine Synthesis, organism-specific biosystem;

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**Function**

cysteine-type endopeptidase inhibitor activity; kinase inhibitor activity; receptor signaling protein tyrosine kinase inhibitor activity;

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