

Recombinant Rat a1BG, His-tagged, S tagged

Cat. No. a1BG-3311R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-1-B-Glycoprotein (a1BG)
Species	Rat
Source	E.coli
ProteinLength	513
Description	may have a role in the immediate-early response phase of liver regeneration .
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	27.5kDa
Endotoxin	<1.0eu per 1ug (determined by the lal</1.0eu
Purity	>95%
Applications	SDS-PAGE, Western Blot (WB), ELISA (EIA), Immunoprecipitation (IP)
Notes	Small volumes of a1BG 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.

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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 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.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name A1bg alpha-1-B glycoprotein [*Rattus norvegicus*]

Official Symbol a1BG

Synonyms A1BG; alpha-1-B glycoprotein; alpha-1B-glycoprotein; liver regeneration-related protein 1; C44;

Gene ID 140656

mRNA Refseq NM_022258

Protein Refseq NP_071594

Function molecular_function;

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