Recombinant Rat a1AGP, His-tagged, GST-tagged

Cat. No. a1AGP-3298R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-1-Acid Glycoprotein (a1AGP)
Species	Rat
Source	E.coli
ProteinLength	205
Description	an acute phase reactant protein; may have a role in the acute inflammation response .
Form	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Molecular Mass	51.3kDa
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 a1AGP 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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 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	Orm1 orosomucoid 1 [Rattus norvegicus]
Official Symbol	Orm1
Synonyms	AGP; OMD; Orm; Agpa1; alpha-1-acid glycoprotein
Gene ID	24614
mRNA Refseq	NM_053288
Protein Refseq	NP_445740
UniProt ID	P02764
Chromosome Location	5q24

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Function	drug binding

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