

Recombinant Rat A2m protein, His-tagged

Cat. No. A2m-5734R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat A2m aa. (Arg216~Phe437 (Accession # P06238)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg216~Phe437
Description	Plays a role in acute phase response; activated form induces a decrease in N-methyl-D-aspartate (NMDA) mediated calcium signaling.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

A2m alpha-2-macroglobulin [*Rattus norvegicus* (Norway rat)]

Official Symbol

A2m

Synonyms

A2m; alpha-2-macroglobulin; Mam; A2m1; A2mb; A2maa; A2MAC1; alpha-2-M; alpha-2-macroglobulin-P

Gene ID

24153

mRNA Refseq

NM_012488.2

Protein Refseq

NP_036620.2

UniProt ID

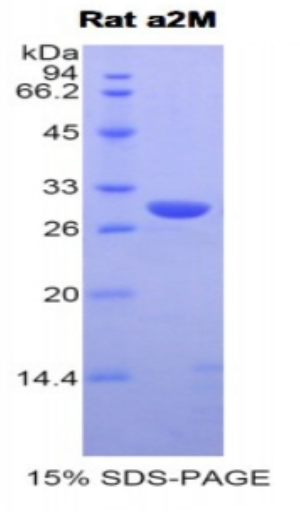
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SDS-PAGE



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