

## Recombinant Mouse A2m protein, His-tagged

**Cat. No.** A2m-5732M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse A2m aa. (Asn157~Pro389 ) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn157~Pro389
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.6kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 9.2.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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°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.

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<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
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<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
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<b>Reconstitution</b>	Reconstitute in ddH <sub>2</sub> O.
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## GENE INFORMATION

<b>Gene Name</b>	A2m alpha-2-macroglobulin [ <i>Mus musculus</i> (house mouse) ]
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<b>Official Symbol</b>	A2m
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<b>Synonyms</b>	A2m; alpha-2-macroglobulin; A2mp; alpha-2-macroglobulin-P
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<b>Gene ID</b>	232345
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<b>mRNA Refseq</b>	NM_175628.3
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<b>Protein Refseq</b>	NP_783327.2
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<b>UniProt ID</b>	Q6GQT1
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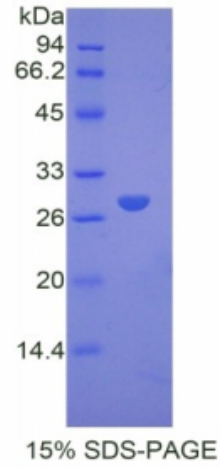
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SDS-PAGE



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