Native Mouse A2m

Cat. No. A2m-8030M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse alpha Macroglobulin is a serum protease inhibitor that consists of two major polypeptides with molecular weights of approximately 163 kDa and 35 kDa together with a minor polypeptide of 185 kda.
Species	Mouse
Source	Mouse Serum
Description	alpha-2-Macroglobulin, also known as α2-macroglobulin and abbreviated as α2M and A2M, is a large plasma protein found in the blood. It is produced by the liver, and is a major component of the alpha-2 band in protein electrophoresis.
Form	Liquid. 150mM NaCl, 10mM sodium Phosphate, (pH 7.2).
Purity	≥95% (SDS-PAGE)
Storage	Store at -20°C.
Concentration	Typically >0.5 mg/mL

GENE INFORMATION

Gene Name	A2m alpha-2-macroglobulin [Mus musculus]
Official Symbol	A2m

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Synonyms	A2M; alpha-2-macroglobulin; alpha-2-macroglobulin-P; A2mp;
Gene ID	232345
mRNA Refseq	NM_175628
Protein Refseq	NP_783327
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hemostasis, organism-specific biosystem; Intrinsic Pathway, organism-specific biosystem;
Function	endopeptidase inhibitor activity; enzyme binding; growth factor binding; interleukin-1 binding; interleukin-8 binding; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity; tumor necrosis factor binding;

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