

## Native Mouse A1m

**Cat. No.** A1m-367M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native Mouse A1m was purified from Mouse Serum.                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                   |
| <b>Source</b>           | Mouse Serum                                                                                                                                                                                             |
| <b>Description</b>      | 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 |
| <b>Form</b>             | Liquid. 150mM NaCl, 10mM sodium Phosphate, (pH 7.2).                                                                                                                                                    |
| <b>Purity</b>           | ≥95% (SDS-PAGE)                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -20°C.                                                                                                                                                                                         |
| <b>Concentration</b>    | Typically >0.5 mg/mL                                                                                                                                                                                    |

### GENE INFORMATION

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Gene Name</b>       | Pzp pregnancy zone protein [ <i>Mus musculus</i> ]      |
| <b>Official Symbol</b> | Pzp                                                     |
| <b>Synonyms</b>        | alpha-2-macroglobulin; alpha-2-M; alpha 1 macroglobulin |

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|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Gene ID             | 11287                                                                                   |
| mRNA Refseq         | NM_007376                                                                               |
| Protein Refseq      | NP_031402                                                                               |
| UniProt ID          | Q61838                                                                                  |
| Chromosome Location | 6 F1-G3; 6 63.02 cM                                                                     |
| Function            | endopeptidase inhibitor activity; peptidase inhibitor activity; protein complex binding |

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