



Mouse Serine Peptidase Inhibitor, Clade E, Member 1 (DAG378)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Mouse Plasminogen Activator Inhibitor 1 (PAI-1) (wild type), Recombinant was expressed in E. coli. Does not contain a fusion partner. Molecular weight: 43kDa |
| Antigen Description | Plasminogen activator inhibitor-1 (PAI-1) also known as endothelial plasminogen activator inhibitor or serpin E1 is a protein that in humans is encoded by the SERPINE1 gene. The other PAI, plasminogen activator inhibitor-2 (PAI-2) is secreted by the placenta |
| Species | Mouse |
| Conjugate | Unconjugated |
| Applications | Specific methodologies have not been tested using this product. |
| Format | Purified, Liquid |
| Concentration | 2.2 mg/ml (OD _{280nm} , E0.1% = 1.0) |
| Buffer | 0.05M Sodium acetate, 0.1M Sodium chloride, 1mM EDTA, pH 5.0 |
| Preservative | None |
| Storage | 2-8°C short term, -20°C long term |

BACKGROUND

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| Introduction | This gene encodes a member of the serine proteinase inhibitor (serpin) superfamily. This member is the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), and hence is an inhibitor of fibrinolysis. Defects in this gene are the cause of plasminogen activator inhibitor-1 deficiency (PAI-1 deficiency), and high concentrations of the gene product are |
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associated with thrombophilia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Keywords

SERPINE1; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1; PAI; PAI1; PAI-1; PLANH1; plasminogen activator inhibitor 1; serpin E1; endothelial plasminogen activator inhibitor; serine (or cysteine) proteinase i
