



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

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 serpinE1 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} , E _{0.1%} = 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

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
