

Recombinant Mouse Serpin E1/PAI-1 protein (His tag)

Catalog Number:PDEM100079



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Plasminogen activator inhibitor 1;Endothelial plasminogen activator inhibitor;Serpine1;Mr1;Pai1;Planh1
Species	Mouse
Expression Host	E.coli
Sequence	Thr 23-Pro 402
Accession	P22777
Calculated Molecular Weight	41.7 kDa
Observed molecular weight	42 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Plasminogen activator inhibitor-1 (serpin E1) is a serine protease inhibitor which belongs to the serpin family. Serpin E1 acts as 'bait' for tissue plasminogen activator, urokinase, protein C and matriptase-3/TMPRSS7. Its rapid interaction with PLAT may function as a major control point in the regulation of fibrinolysis.

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