

Product Datasheet



Product Description

Product:	Mouse Protein Z-Dependent Protease Inhibitor, native recombinant
Catalog Number:	IMZPI
Description:	Mouse Protein Z-Dependent Protease Inhibitor (ZPI), recombinantly produced in insect cells. Active and complexable with Factor XIa. This Serine Protease Inhibitor (SERPIN) requires the cofactors Protein Z, phospholipids and calcium to inhibit endogenous Factor Xa. ZPI contains a tyrosine residue at the P1 position of the reactive center loop, rather than arginine which is present in most SERPINs. References 1. Han, X. et al. (1998) PNAS 95:9250?9255. 2. Huang, X. et al. (2008) J. Biol. Chem. 283:29770?29783.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

Technical Information

Purity:	>95% by SDS-PAGE analysis
Source:	Insect cell culture
Molecular Weight:	52,000
Extinction Coefficient:	0.9

Sample Characteristics

Lot Number:	SAMPLE
Aliquot:	1 x 0.1 mg
Concentration:	4.0 mg/ml
Volume:	0.025 ml
Buffer:	0.02M MES; 0.25M NaCl; pH 6.6
Form:	Frozen liquid

For In Vitro laboratory use only