

Product Datasheet



Product:	Human PAI-1 NBD labeled at the scissile bond of the reactive loop
Catalog Number:	IHPAI-P1'NBD
Lot Number:	SAMPLE
Description:	P1'-NBD PAI-1 was created by mutagenesis of the P1' serine residue (Ser347) at the P1-P1' scissile bond to cysteine. This then provides a free thiol group for NBD labeling, a fluorescent probe highly sensitive to changes in solvation and hydrophobic environment. The fluorescence emission of P1'-NBD PAI-1 is quenched upon cleavage of the reactive center loop by a target proteinase.
Aliquot:	1 x 0.5 mg
Concentration:	2.5 mg/ml
Volume:	0.2 ml
Molecular Weight:	43,000
Buffer:	0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6
Storage:	-70 C; Protect from light
Form:	Frozen liquid
Source:	E. coli

For In Vitro laboratory use only