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ABBREVIATIONS

%	Percent
α	Alpha
α 1ACT	Alpha1-antichymotrypsin
α 1PI	Alpha1-protease inhibitor
A	Absorbance
ACN	Acetonitrile
AGT	Angiotensinogen
AMC	7-Amino-4-methylcoumarin
ANT	Antithrombin
ATP	Adenosine triphosphate
β	Beta
BSA	Bovine serum albumin
BEH	Bridged ethyl hybrid
$^{\circ}$ C	Degree Celsius
C	Carbamidomethyl
CBG	Corticosteroid binding globulin
CHAPS	3-[(3-Cholamidopropyl) dimethylammonio]-1-propane sulfonate
cm	Centimeter
cm ³	Cubic centimeter
CO ₂	Carbon dioxide

COOH	Carboxylic acid
Da	Dalton
DEPC	Diethylpyrocarbonate
DMEM	Dulbecco's modified Eagle's medium
DNA	Deoxyribonucleic acid
dNTP	Deoxyribonucleotide triphosphate
DTT	1,4-Dithiotheritol
ECM	Extracellular matrix
EDTA	Ethylenediaminetetraacetic acid
Em	Emission
Ex	Excited
FA	Formic acid
FBS	Fetal bovine serum
g	Gram
h	Hour
HCl	Hydrogen chloride
HF	6xHis-FLAG
H ₂ O	Water
HRP	Horseradish peroxidase
IAA	Iodoacetamide
i.e.	Id est
IEF	Isoelectric focusing
IgG	Immunoglobulin G
IPG	Immobilized pH gradient

kDa	Kilo Dalton
L	Liter
LB	Luria broth
LC-MS	Liquid chromatography–mass spectrometry
M	Molar
mg	Milligram
min	Minute
mL	Milliliter
mm	Millimeter
mM	Millimolar
MOM	Maspin mutant containing the ovalbumin RCL
mRNA	Messenger ribonucleic acid
MS/MS	Tandem mass spectrometer
MW	Molecular weight
NaCl	Sodium chloride
NaHCO ₃	Sodium bicarbonate
NaH ₂ PO ₄	Sodium phosphate
ng	Nanogram
NH ₂	Amine group
nm	Nanometer
OD	Optical density

OMO	Ovalbumin mutant containing the maspin RCL
OVA	Ovalbumin
PAGE	Polyacrylamide gel electrophoresis
PAI1	Plasminogen activator inhibitor 1
PAI2	Plasminogen activator inhibitor 2
PBS	Phosphate buffer saline
PCR	Polymerase chain reaction
PGPH	Peptidylglutamyl peptide hydrolyzing activity
RCL	Reactive center loop
RT-PCR	Reverse transcription-polymerase chain reaction
s-s	Disulfide bond
SD	Standard deviation
SDS	Sodium dodecyl sulfate
sec	Second
SH	Sulfhydryl group
TBG	Thyroid-binding globulin
TBS	Tris-buffer saline
TBST	Tween-20 phosphate buffer saline
TEMED	<i>N,N,N,N</i> -tetramethyl ethylene-diamine
tPA	Tissue-type plasminogen activator

2D-PAGE	Two dimensional polyacrylamide gel-electrophoresis
Ub	Ubiquitin
uPA	Urokinase-type plasminogen activator
uPAR	Urokinase-type plasminogen activator receptor
μg	Microgram
μL	Microliter
V	Volt
Vh	Volt hour
v/v	Volume by volume
w/v	Weight by volume
w/w	Weight by weight