

**ABBREVIATIONS**

<b>°C</b>	: Degree celsius
<b>µg</b>	: Microgram
<b>µl</b>	: Microliter
<b>BLAST</b>	: Basic local alignment search tool
<b>BSA</b>	: Bovine serum albumin
<b>CBB G-250</b>	: Coomassie brilliant blue G-250
<b>CBB R-250</b>	: Coomassie brilliant blue R-250
<b>CHCA</b>	: alpha cyano 4-hydroxycinnamic acid
<b>CHAPS</b>	: 3-[(cholamidopropyl)dimethyl ammonium]-1-propane sulfonate
<b>Cys</b>	: Cysteine
<b>Da</b>	: Dalton
<b>2- DE</b>	: Two-dimensional electrophoresis
<b>DNA</b>	: Deoxyribonucleic acid
<b>DTT</b>	: 1,4-dithiothreitol
<b>EDTA</b>	: Ethylenediamine tetraacetic acid
<b>ESI-MS</b>	: Electrospray ionization mass spectrometry
<b>HCl</b>	: Hydrochloric acid
<b>HPLC</b>	: High performance liquid chromatography
<b>IEF</b>	: Isoelectric focusing
<b>IPG</b>	: Immobilized pH gradient
<b>KCl</b>	: Potassium chloride
<b>kDa</b>	: Kilodalton
<b>KHz</b>	: Kiloherz
<b>LC</b>	: Liquid chromatography
<b>mA</b>	: Milliamper
<b>MALDI-MS</b>	: Matrix-assisted laser desorption ionization mass spectrometry
<b>Met</b>	: Methionine
<b>mM</b>	: Millimolar
<b>MS/MS</b>	: Tandem mass spectrometry
<b>mRNA</b>	: Messenger ribonucleic acid
<b>Mr</b>	: Relative molecular mass
<b>NaCl</b>	: Sodium chloride
<b>NEPHGE</b>	: Non-equilibrium pH gradient
<b>Ng</b>	: Nanogram
<b>OD</b>	: Optical density
<b>PDA</b>	: Piperazine diacrylamide
<b>pI</b>	: Isoelectric point
<b>PKa</b>	: Acid dissociation constant
<b>PITC</b>	: Phenylisothiocyanate
<b>PMF</b>	: Peptide mass fingerprinting
<b>PMSF</b>	: Phenylmethylsulphonyl fluoride

<b>PTC</b>	: Phenylisothiocarbamyl
<b>PTH</b>	: Phenylthiohydantoin
<b>PVDF</b>	: Polyvinylidene difluoride
<b>RNA</b>	: Ribonucleic acid
<b>rRNA</b>	: Ribosomal ribonucleic acid
<b>SDS</b>	: Sodium dodecyl sulfate
<b>SDS-PAGE</b>	: Sodium dodecyl sulfate- polyacrylamide gel electrophoresis
<b>TEMED</b>	: N,N,N',N' - tetramethylenediamine
<b>TFA</b>	: Trifluoroacetic acid
<b>TOF</b>	: Time of flight
<b>Tris</b>	: Tris-(hydroxymethyl) amino methane
<b>UV</b>	: Ultraviolet
<b>V</b>	: Volts