

Abkürzungen

A	Adenin
AAS	Atomabsorptionsspektrometrie
APS	Ammoniumperoxodisulfat
ATP	Adenosine Triphosphate
BSA	Bovine Serum Albumin
C	Cytosin
cDNA	copy DNA
CHAPS	3-[(3-Cholamidopropyl)-dimethylammono]-1-propansulfonat
CTAB	Cetyltrimethylammoniumbromid
cpm	counts per minute
cps	counts per second
D	Deiodase
DMSO	Dimethylsulfoxid
DNA	Desoxyribonucleic Acid
DTT	Dithiothreitol
DMEM	Dulbecco's Modified Eagle Medium
ECGF	Endothelial Cell Growth Factor
EDTA	Ethylendiamintetraacetat
eEFsec	eucaryotic Elongation Factor for selenocysteine
ER	Endoplasmatisches Retikulum
FAD	Flavin-Adenin-Dinukleotid
FCS	Fetal Calf Serum
G	Guanin
GFAP	Glial Fibrillary Acidic Protein
GSH	Glutathion
GPx	Glutathion-Peroxidase
GSSG	Diglutathion
IB4	Isolektin B4
IEF	Isoelektrische Fokussierung
INAA	Instrumentelle Neutronenaktivierungsanalyse
IP	Isoelektrischer Punkt
IPG	Immobilisierter pH-Gradient
Km	Michaelis Konstante
mRNA	messenger RNA
MsrB1	Methionin-Sulfoxid Reduktase B1
NADPH	Nicotinamidadenindinucleotidphosphat
NCBI	National Center for Biotechnology Information
NGS	Normal Goat Serum
NMD	Nonsense Mediated Decay

Abkürzungen

Nt	Nukleotid
PAGE	Polyacrylamid Gelelektrophorese
PB	Phosphate Buffer
PBS	Phosphate Buffered Saline
PHGPx	Phospholipid-Hydroperoxid Glutathion-Peroxidase
PMSF	Phenylmethansulfonylfluorid
ppm	parts per million
PSL	Photostimulable Luminescence
PTSK	Phosphoseryl-tRNA ^{[ser]^{sec}} Kinase
PTZ	Pentylentetrazol
PVDF	Polyvinylidendifluorid
Mr	relative Molekularmasse
RNA	Ribonucleic Acid
ROS	Reactive Oxygen Species
rpm	revolution per minute
rRNA	ribosomal RNA
RT	Raumtemperatur
SBP2	SECIS-bindendes Protein 2
SDS	Sodium Dodecyl Sulfate
Sec	Selenocystein
Ser	Serin
SPS	Selenophosphat-Synthetase
SECIS	Selenocysteine Insertion Sequence
T	Thymin
T3	3,5,3'-Triiodthyronin
T4	Tetraiodothyroxin
TEMED	N, N, N', N'-Tetramethylethylendiamin
TGR	Thioredoxin-Glutaredoxin-Reduktase
Tris	Tris (hydroxymethyl-)aminomethan
Triton X100	Octophenolpoly(ethylen-glycolether) _n
tRNA	transfer RNA
Trx	Thioredoxin
TrxR	Thioredoxin-Reduktase
Tween 80	Poly(oxyethylen) _n -sorbitan-monooleat
U	Uridin
UE	Untereinheiten
3'-UTR	3'-untranslatierte Region
vs.	versus
ZNS	zentrales Nervensystem