

ANHANG

ABKÜRZUNGEN

A Absorption	HFBA Heptafluorobuttersäure
ACN Acetonitril	HIC hydrophobe Interaktionschromatographie
Amp Ampicillin	His-Tag Histidin-Tag
AP alkalische Phosphatase	h Stunde(n)
APS Ammonium-peroxo- <i>di</i> -sulfat	IB <i>inclusion bodies</i> (Einschlußkörper)
BMP <i>bone morphogenetic protein</i>	IMAC immobilisierte Metallchelate-Affinitätschromatographie
BMPR BMP-Rezeptor	IPA Isopropylalkohol (2-Propanol)
bp Basenpaare	IPTG β -D-Isopropyl-thiogalactopyranosid
BPB Bromphenolblau	Kan Kanamycin
BSA Rinderserumalbumin	kb Kilobasenpaare
CD Circular dichroismus	kDa Kilodalton
cDNA <i>complementary DNA</i>	LAP <i>latency-associated peptide</i>
CHAPS CHAPS 3-[(3-Cholamidopropyl)-dimethylammonio]-1-propansulfonsäure	LB-Medium Luria-Bertani-Medium
CHES 2-(Cyclohexylamino)-ethansulfonsäure	LMW <i>low molecular weight</i>
CTAB (N-Cetyl-N,N,N-trimethyl)-ammoniumbromid	MALDI-TOF <i>matrix-assisted laser desorption ionization – time of flight</i>
DAB Deutsches Arzneibuch	β - ME 2-Mercapto-ethanol
Da Dalton	MeOH Methanol
deg <i>degree</i>	MES 2-Morpholino-ethansulfonsäure
DMS Dimethylsulfid	MOPS 3-Morpholino-propansulfonsäure
DMSO Dimethylsulfoxid	M_r molare Masse
DNA Desoxyribonucleinsäure	(m)M (milli)molar
DNase Desoxyribonuclease	MWCO <i>molecular weight cut-off</i>
dNTP Desoxynucleosidtriphosphat	NaDoc Natrium-desoxycholat
DPP <i>Decapentaplegic</i>	NGF <i>nerve growth factor</i>
drBMP <i>digit removed</i> BMP	Ni-NTA Nickel-Nitrilo-tetraacetat
dsDNA doppelsträngige DNA	OD₆₀₀ optische Dichte bei 600 nm
DTT Dithiothreitol	p.a. <i>pro analysis</i>
EC₅₀ halb-maximale effektive Konzentration	PAGE Polyacrylamidgelelektrophorese
EDTA Ethylendiamin-tetraacetat	PCR Polymerasekettenreaktion
ESI <i>electro-spray ionization</i>	PDGF <i>platelet-derived growth factor</i>
EtOH Ethanol	Pfu <i>Pyrococcus furiosus</i>
GDF <i>growth and differentiation factor</i>	pI isoelektrischer Punkt
GdmCl Guanidiniumchlorid	PMSF Phenyl-methyl-sulfonylfluorid
GdmSCN Guanidiniumthiocyanat	PPG Polypropylenglycol
GSH Glutathion, reduziert	PPS 3-(1-Pyridino)-1-propansulfonat
GSSG Glutathion, oxidiert	proBMP BMP mit N-terminalem Propeptid
HEPES 2-[4-(2-Hydroxyethyl)1-piperazinyl]-ethansulfonsäure	PSS Pyridin-3-sulfonsäure
	PTFE Poly-(tetrafluor-ethylen)

- RNA** Ribonucleinsäure
RNase Ribonuclease
RP-HPLC *reversed phase – high performance liquid chromatography*
rpm *revolutions per minute* (Umdrehungen pro Minute)
RT Raumtemperatur
SBTI Sojabohnen-Trypsininhibitor
SDS Natrium-dodecylsulfat
S/R-Modus Signal/Referenz-Modus
Taq *Thermus aquaticus*
TCA Trichloressigsäure
TEMED
N,N,N',N'-Tetramethyl-ethylendiamin
TGF *transforming growth factor*
Tris Tris-(hydroxymethyl)-aminomethan
Triton X-100
t-Octyl-phenoxy-polyethoxyethanol
U *unit* (Einheit der Enzymaktivität)
UV ultraviolett
v/v Volumen pro Volumen
w/v Gewicht pro Volumen

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