

8. ABKÜRZUNGSVERZEICHNIS

| | |
|-----------------|---|
| 3D | dreidimensional |
| λ_{cm} | Emissionswellenlänge |
| λ_{exc} | Anregungswellenlänge |
| A | Absorption |
| Abb. | Abbildung |
| AC | Adenylatzyklase |
| ADH | antidiuretisches Hormon |
| AK | Antikörper |
| APS | Ammoniumpersulfat |
| AS | Aminosäure |
| ATP | Adenosintriphosphat |
| AQP | Aquaporin |
| AVP | Arginin-Vasopressin |
| B | Basen |
| BiP | IgG heavy chain binding protein |
| BLAST | Basic Local Alignment Search Tool |
| B_{MAX} | Maximale Bindung |
| bp | Basenpaare |
| BSA | bovines Serumalbumin |
| cAMP | zyklisches Adenosinmonophosphat |
| CBB | Coomassie-Proteinreagenz Brilliantblau G250 |
| cDNA | komplementäre DNA |
| CCK | Cholecystokinin |
| CFTR | cystic fibrosis transmembrane conductance regulator |
| COP | coat protein complex |
| COS | african green monkey kidney cells |
| cpm | counts per minute (Impulse pro Minute) |
| CRF | Corticotropin releasing factor |
| deion. | deionisiert |
| D | Dopamin |
| DEPC | Diethylpyrocarbonat |

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| DMEM | Dulbecco's modified Eagle's medium |
| DNA | Desoxyribonukleinsäure |
| dNTP's | Desoxyribonukleotid-Gemisch |
| dpm | desintegration per minute (Zerfall pro Minute) |
| DSMZ | Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH |
| DTT | Dithiotreitol |
| <i>E.coli</i> | <i>Escherichia coli</i> |
| EDTA | Ethylendiamintetraessigsäure (Titrierkomplex III) |
| EGTA | Ethylendiamin-Glykol-bis-(β -Aminoethoxy)-Tetraessigsäure |
| EK | Endkonzentration |
| <i>EndoH</i> | Endoglykosidase H |
| ER | endoplasmatisches Retikulum |
| ERGIC | endoplasmatisches Retikulum/Golgi intermediales Kompartiment |
| EZS | extrazelluläre Schleife |
| FKS | fetales Kälberserum |
| FMP | Forschungsinstitut für Molekulare Pharmakologie, Berlin |
| GABA | γ -Aminobuttersäure |
| FSH | Follikelstimulierendes Hormon |
| GFP | grün fluoreszierendes Protein aus <i>Aequorea victoria</i> |
| GPCR | G-Protein-gekoppelter Rezeptor |
| GRK | G-Protein-gekoppelter Receptor Kinase |
| Grp | Glucose-regulated protein |
| GTP | Guanosintriphosphat |
| Hsc | heat shock cognate 70 protein |
| Hdj | Human DnaJ protein |
| HEK293 | human embryonic kidney 293 cells |
| HEPES | N-2-Hydroxyethylpiperazin-N'-Ethansulfonsäure |
| IBMX | 3-Isobutyl-1-Methyl-Xanthane |
| IgG | Immunglobulin der Klasse G |
| IPTG | Isopropyl-1-Thio- β -D-Galaktopyranosid |
| IZS | Intrazelluläre Schleife |
| K_D | Dissoziationskonstante |
| LB | Luria Bertani-Medium |
| LH/CG | Luteotropin/Choriogonadotropin |
| LSM | Laser Scanning Mikroskopie |

| | |
|----------------|--|
| MDCKII | Madin-Darby canine kidney cells type II |
| NaAc | Natriumacetat |
| NaCl | Natriumchlorid |
| NDI | nephrogener <i>Diabetes insipidus</i> |
| NMR | nuclear magnetic resonance (Kernspinresonanz) |
| NP-40 | Ethylphenyl-Polyethylenglykol |
| OD | optische Dichte |
| PAGE | Polyacrylamid-Gelelektrophorese |
| PAF | platelet activating factor |
| PBP | Periplasma binding proteine |
| PBS | phosphate buffered saline (Phosphatpuffer in physiologischer Kochsalzlösung) |
| PBSI | Proteaseinhibitorengemisch in PBS |
| PCR | polymerase chain reaction (Polymerasenkettenreaktion) |
| PDB | Brookhaven-Proteindatenbank |
| PDB-ID | Brookhaven-Proteindatenbank Identifikationsnummer |
| PEG | Polyethylenglykol |
| PFA | Paraformaldehyd |
| PKA | cAMP-abhängige Phosphatase |
| PMSF | Phenylmethylsulfonylchlorid |
| <i>PNGaseF</i> | Peptid-Endoglykosidase F |
| PTH | Parathyroid Hormon |
| RNA | Ribonukleinsäure |
| rpm | rotations per minute (Umdrehungen pro Minute) |
| RT | Raumtemperatur |
| SDS | Natriumdodecylsulfat |
| STV | solution trypsin <i>versene</i> (Trypsin-Lösung) |
| Taq | <i>Thermophilus aquaticus</i> |
| TEMED | N,N,N',N'-Tetramethylendiamin |
| TGN | Transgolgi-Network |
| Tj | tight junctions |
| TMD | transmembranäre Domäne |
| Tris | Tris(Hydroxymethyl)-Aminomethan |
| Triton X-100 | Octylphenylpoly(ethylenglykolether) _n |
| TSH | Thyrotropin |

ABKÜRZUNGEN

| | |
|-------|---|
| UDP | Uridin-diphosphat |
| UGGT | UDP-Glukose-Glykoprotein-Glykosyltransferase |
| V2R | Vasopressin 2 Rezeptor |
| VSV | vesikuläres Stomatitis Virus |
| vtc | vesicular tubular clusters |
| WT | Wildtyp |
| X-Gal | 5-Brom-4-Chlor-3-Indolyl- β -D-Galaktosid |