



- Human Primary Cells
- Selective Media
- iPSCs and Gene Editing
- Cytokines
- Tissue Dissociation Enzymes
- Extracellular Matrix

www.cellsystems.de



FAST RESPONSE TIME

to your inquiries: 24 h from request to answer



HIGH-QUALITY

products and services for life science research



FAST DELIVERY

thanks to more than 10.000 products in stock in Germany

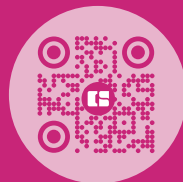


RELIABLE SUPPLIER

for more than 30 years

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HUMAN PRIMARY CELLS

Lung & Airway Cells
(normal and diseased)

Reproductive Cells
(male and female)

Melanocytes

Muscle Cells

Epithelial Cells

Endothelial Cells

Bladder Cells

Fibroblasts

Renal Cells

Stem Cells

iPSC-derived Cells



www.cellsystems.de/cells

HUMAN PRIMARY CELLS

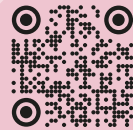
Are you still searching or already culturing?

Get the cells you want

- when you need them
- with detailed donor characteristics
- of high-quality
- in early passages (P0 – P1)

Searching for a very particular cell type?

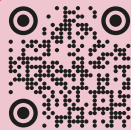
We offer custom cell isolation services.



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SELECTIVE MEDIA

Endothelial Cells
Epithelial Cells
Fibroblasts
Hematopoietic Cells
Melanocytes
Reproductive Cells
Skeletal Muscle Cells
Smooth Muscle Cells
Adult Stem Cells
iPSCs



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SELECTIVE MEDIA FOR HUMAN PRIMARY CELLS

Are your cells happy?

Indulge your cells with Complete Media Kits

- All necessary supplements included
- Free of phenol red and antimicrobials
 - No masking effects
 - More meaningful results
- Xeno-free, serum-free or low-serum media
- Maximise life expectancy of cells
- More consistent and reproducible results

**In need of large amounts of media?
Reserve your lot.**



www.cellsystems.de/media

iPSCs, GENE EDITING PRODUCTS AND SERVICES

iPSC Lines

iPSC-derived Differentiated Cells

CRISPR/Cas9 Services

Point-Mutation Services

Knock-in Services

Knock-out (KO) Services

Conditional KO Services

MEF Feeder Cells

Feeder-free
Culture Media



www.cellsystems.de/iPSCs



iPSCs, GENE EDITING PRODUCTS AND SERVICES

Looking for ready-to-use iPSC-derived cells?

Do you culture with feeder or feeder-free?

We have the right products!

Which gene is relevant to your disease of interest?

Is a point mutation able to make the diseased iPSC "healthy"?

**We have the service (CRISPR/Cas9)
for your individual iPSC.**



www.cellsystems.de/iPSCs

CYTOKINES, GROWTH FACTORS ...

Cytokines

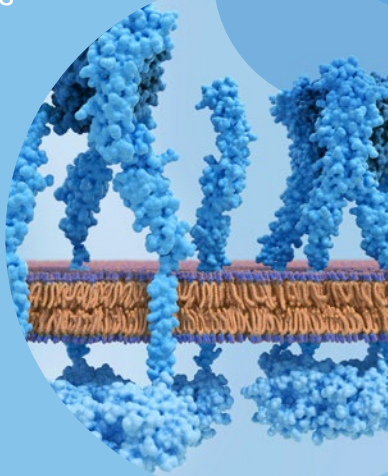
Chemokines

Growth Factors

Neurotrophins

CD Antigens

Antibodies



www.cellsystems.de/cytokines

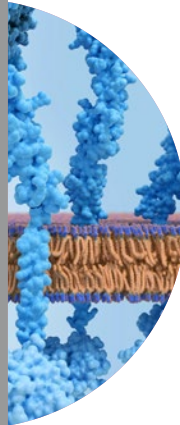


CYTOKINES, GROWTH FACTORS ...

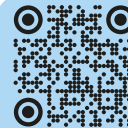
**Do you have clean communication with
your cells?**

Our Cytokines and Growth Factors

- have a purity of > 95%
- are carrier-free
- are available in:
 - non-glycosylated form: recombinant from E. Coli
 - glycosylated form: recombinant from mammalian cells, insect cells or fungus
 - different product sizes from 1 µg to 1 mg



**Communicate clean –
get better results!**



www.cellsystems.de/cytokines

TISSUE DISSOCIATION ENZYMES

Collagenases

Animal-free Collagenases

Trypsin, Papain

Elastase

Deoxyribonuclease I

Neutral Protease (Dispase)

Ready-to-use, optimised
Dissociation Kits

Ready-to-use
Collagenase/Neutral
Protease Blend



www.cellsystems.de/enzymes



TISSUE DISSOCIATION ENZYMES

Get the Collagenase You Deserve!

Benefit from:

- Large selection of collagenases (Type I-VII, animal-free A-D, sterile filtered)
- Sampling Programme and Lot Reservation
- Premium quality and consistency
- Ready-to-use Dissociation Kits
- Wide variety of additional enzymes:
 - Proteinase K
 - RNase
 - Hyaluronidase
 - Neonatal Cardiomyocyte Isolation System



www.cellsystems.de/enzymes

EXTRACELLULAR MATRIX

for 2D, 3D Cell Culture and Bioprinting:

Collagen Type I, III, IV

Tunable 3D hydrogels

BioInks for tissue engineering

Cell culture ware mimicking *in vivo* tissue stiffness

Fibronectin, Vitronectin, Tropoelastin, Gelatin and Silk Fibroin

Adhesion Peptides and Proteins



www.cellsystems.de/ECM



EXTRACELLULAR MATRIX

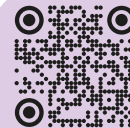
Is your cell type already in the right physiological environment?

An *in vivo*-like environment will make the difference for meaningful results!

Optimise cell culture conditions for your applications:

- Screen for the right extracellular matrix
- Choose the best substrate stiffness
- Replicate an *in vivo*-like microenvironment
- Print 3D scaffolds for tissue engineering research

2D > 3D > Tissue Engineering > Organs



www.cellsystems.de/ECM