

STEM-CELLBANKER®



In partnership with

amsbio

Cryopreservation Solution for Cells and Tissues

- Chemically defined and animal product free
- FDA Drug Masterfile registered
- Manufactured in compliance with US, EU and PIC/S GMP guidelines
- Maintains pluripotency post thaw
- Enables long term cell storage at -80°C or -196°C
- Direct freeze to -80°C with no rate controlled freezing

**BANK ON 20 YEARS
OF CELL FREEZING
EXPERIENCE**

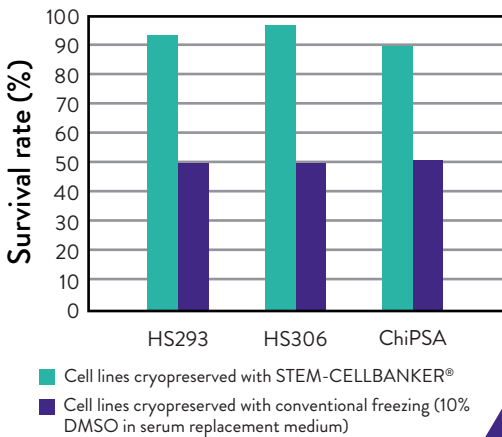


Over 85%
survival of wide
cell variety

**AVAILABLE IN
DMSO FREE**

Species	Cell Types
Mouse	Hybridoma, Myeloma, L929, FM3A, BALB/3T3, M1, YAC-1
Hamster	CHO, V79
Human	Kidney cancer cell, EBV transformed cell, Fibroblast, Melanoma, Caco-2, C-5, CEM, K562, Jurkat, BALL-1, HUC-Fm
Rat	RLC-16, NRK, PC-12
Monkey	COS-1, Vero

STEM-CELLBANKER® is ready-to-use and requires no special technical skills or devices such as controlled rate freezers. It is animal component free and contains only chemically defined European and US Pharmacopoeia grade ingredients. Pluripotency, normal karyotype, high cell viability and proliferation following resuscitation from cryopreservation can be consistently achieved after long-term storage.



STEM-CELLBANKER® vs Conventional freezing

Cell viability assessment: trypan Blue & calcein-esterase based live-dead assay

Result: Significantly higher cell viability was observed while cell pluripotency, normal karyotype and proliferation ability were maintained in HS293, HS306 and ChiPSA cell lines.

Study by Department of Clinical Science, Intervention and Technology, Karolinska Institute.


amsbio Featured partner

Founded in 1987, AMS Biotechnology (AMSBIO) is recognized today as a leading company contributing to the acceleration of discovery through the provision of cutting-edge life science technology. AMSBIO can draw upon in-depth expertise in extracellular matrices to provide elegant solutions for studying cell motility, migration, invasion and proliferation. Widely acknowledged as an expert in cell culture, AMSBIO partners with clients in tailoring cell systems to enhance organoid and spheroid type screening outcomes from a technological and cost-effective perspective.


Description	Pack Size	Catalogue No.
STEM-CELLBANKER® - GMP	20 ml	11897
STEM-CELLBANKER® - GMP	100 ml	11890
STEM-CELLBANKER® - GMP - DMSO - Free	20 ml	11897F
STEM-CELLBANKER® - GMP - DMSO - Free	100 ml	11890F
STEM-CELLBANKER® EX - GMP	100ml	11890EX

AMSBIO | www.amsbio.com | info@amsbio.com

V1.5

 **UK & Rest of the World**
 184 Park Drive, Milton Park
 Abingdon OX14 4SL, U.K.
 T: +44 (0) 1235 828 200
 F: +44 (0) 1235 820 482

 **North America**
 1035 Cambridge Street,
 Cambridge, MA 02141.
 T: +1 (617) 945 5033 or
 T: +1 (800) 987-0985
 F: +1 (617) 945-8218

 **Germany**
 Bockenheimer Landstr. 17/19
 60325 Frankfurt/Main
 T: +49 (0) 69 779099
 F: +49 (0) 69 13376880

 **Switzerland**
 Via Lisano 3
 (CP.683)
 6900 Massagno
 T: +41 (0) 91 604 55 22
 F: +41 (0) 91 605 17 85