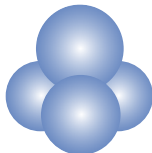


Product Specification Sheet

Product Name	EZStem™ Cell Survival Enhancer (1000x)
Description	EZStem™ Cell Survival Enhancer is developed to safeguard cells encountering diverse stress events such as passaging, cryopreservation, electroporation, transfection, and more. This groundbreaking cell culture supplement demonstrates the capability to substantially enhance viability and preserve the inherent properties of stem cells, differentiated cells, and primary cells throughout various processing stages. Leveraging a distinctive blend of small molecules, EZStem™ Cell Survival Enhancer provides superior protection, surpassing the effectiveness of traditional ROCK inhibitors like Y-27632.
Key Features:	<ul style="list-style-type: none">• Enhanced Cell Viability: Reduces cell death and stress during critical workflows like passaging, cryopreservation, gene editing, and electroporation and transfection.• Preserving Cell Morphology and Characteristics: Effectively conserving the typical morphology and properties of ESCs and iPSCs following seeding.• Broader Stress Defense: Offers protection against diverse stress mechanisms beyond those addressed by ROCK inhibitors.• Versatile Applications: Supports a wide range of cell culture experiments across various cell types.• Convenient Format: Easy-to-use 1000X concentrated formula simplifies workflow integration.• Compatible: Effectively collaborates with well-established cell culture media from leading brands.
Catalog Number	SE101-500, SE101-100
Size	500 µl, 100 µl
Shipping	Ambient Temperature
Storage and Stability	Store at -80°C immediately upon receipt. This product is stable for 1 year at -80°C, 6 months at -20°C and 2 weeks at 4°C.
Quality Control	This product has been tested with human iPSCs for passage, recovery, and electroporation.
Usage	Add into the cell culture medium prior to cell seeding.



ALSTEM, INC

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Safety Precaution

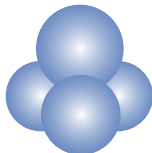
This product does not contain any hazardous materials with occupational exposure limits. Nevertheless, Alstem strongly advises anyone handling this product to use suitable protective eyewear, such as chemical safety goggles or protective glasses, along with gloves and appropriate clothing to prevent skin contact.

Restricted Use

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Protocol:

1. Thaw EZStem™ CSE at room temperature.
2. Aliquot EZStem™ CSE and store it at temperatures ranging from -25°C to -5°C. EZStem™ CSE is stable at 4°C for two weeks
3. Gently tap EZStem™ CSE 5 times before diluting 1:1000 into medium. Invert the plate/dish at least 5 times to mix.
4. Include EZStem™ CSE in medium during cell culture for 24 hours.

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