



3914 DEL AMO BLVD.
 SUITE 901
 TORRANCE, CA 90503
 www.celprogen.com

Phone: 310 542 8822
 Fax: 310 542 8028
 Email: info@celprogen.com
 stemcells@celprogen.com

DATA SHEET

**Human Mesenchymal Derived Stem Cell Condition Media-Lyophilized –
 100mg**

Catalog number: M36094-21CM-100mg

Description: Human Mesenchymal Derived Stem Cell Conditioned Media, lyophilized Sterile Filtered and tested with Human Mesenchymal Derived Stem Cells in Culture. This product is Serum Free and Animal component free media, for bioprocessing needs. The product is shipped in 100mg per vial at room Temperature. Storage conditions 2-8°C for 2 years for the lyophilized product.

Also is available in liquid format 20L sterile bag with sterile connectors to maintain aseptic filling and bio-processing needs without antibiotics. For liquid products short term storage at 2-8°C is 72 hours, long term storage -20°C. This product is available in 2,000L, 4,000L and 10,000L batch sizes, please inquire pricing and delivery times for 2,000L -10,000L batch sizes. Usually we would require 2 weeks lead time for order 2,000L-10,000L batch sizes.

This media product is optimized for use with Human Mesenchymal Derived Stem Cell. Each lot is qualified to support Human Mesenchymal Derived Stem Cell expansion, growth and proliferation. Formulated for use in a 5% CO₂ humidified incubator, and use in low O₂ environment: 5% O₂ in a controlled 37°C humidified incubator.

The product may be utilized as one of the active ingredients for the formulation of cosmetic products. The product was tested and found negative for antibodies to HIV 1 & 2, antibodies to HCV and hepatitis B surface antigen. This Material when formulated as cosmetic product is for topical administration to humans.

Storage Conditions: Long term: 2-8°C
 Short term: Room Temperature (120 hours)

Specifications:

Shipping:	Room Temperature
pH Range:	Not more than (NMT) 8.0 +/- 3.0, upon reconstitution
Tests performed:	Microbial: negative
Total Stem Cell Proteins:	NMT 1.0 mg/ml +/- 0.05 mg/ml (OD ₂₈₀) upon reconstitution
Appearance:	Light pink to yellow orange upon reconstitution in liquid
Solubility:	water
Form:	Solid
Stability:	2 year at 2-8°C
Water type 1 (18.2 mega ohms):	97.06% upon reconstitution
Osmolarity:	260-380mOsm/kg

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Celprogen Inc., and is for topical use only.



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Product Orders: Before submitting an order you will be asked to read and accept the terms and conditions of Celprogen's Material Transfer Agreement (MTA).

Permits & Forms: In addition to the MTA mentioned above, other CELPROGEN and/or regulatory permits may be required for the transfer of this CELPROGEN material. Anyone purchasing CELPROGEN material is ultimately responsible for obtaining the permits.

Notices & Disclaimers: *CELPROGEN products are intended for laboratory research purposes, or for use in humans.* The product, Human Mesenchymal Derived Stem Cell Condition Media, is established and manufactured by CELPROGEN Inc., for Research Use and in Humans as topical application. This product is not for re-sale or may not be transferred to a third party prior to written request and approval by CELPROGEN Inc.