



For Immediate Release

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ATCC introduces Human Wharton's Jelly-Derived Mesenchymal Stem Cell Growth Solutions

Cells accompanied by optimized media provide for definitive results

ATCC (American Type Culture Collection), the world's largest and most diverse bioresource center, now offers a complete solution to successfully grow normal human primary mesenchymal stem cells derived from human umbilical cord matrices (Wharton's Jelly) — invaluable tools used for research studies that include developmental biology, regenerative medicine, cell therapy, and tissue engineering.

Human Wharton's Jelly-derived stem cells are a non-controversial source of mesenchymal stem cells with unique properties — including high proliferation rates and tumor-homing properties — with important implications for cell-based therapies.

Each lot of ATCC[®] Normal Human Primary Umbilical Cord-Derived Mesenchymal Stem Cells is cryopreserved in the second passage to ensure the highest viability and plating efficiency, and thoroughly tested for sample purity. They are performance tested together with media, growth supplements and reagents to guarantee reliability as part of ATCC[®] Primary Cell Solutions[™], a system of matched components designed to maximize growth, maximize functionality, and maintain normal morphology for specific cell types.

The complete cell-specific ATCC Primary Cell Solutions growth system (consisting of the Mesenchymal Stem Cell Basal Medium and Growth Kit) creates the ideal cell system culture environment for propagation in low serum (2%) conditions and subsequent differentiation. When maintained under optimal growth conditions, ATCC Normal Human Umbilical Cord-Derived Mesenchymal Stem Cells have been shown to be multipotent, capable of differentiating down the adipogenic, osteogenic and chondrogenic lineages. New differentiation tools induce chondrocyte or osteocyte differentiation with high efficiency. The system provides everything a researcher needs to successfully grow the highest quality cultures reliably and consistently — with expert support if needed.

To learn more go to www.atcc.org/PCS_MSC. To speak with an expert or place an order, call toll free 1-800-638-6597 in the U.S. and Puerto Rico, or international callers can dial +1-703-365-2700.

ABOUT ATCC

ATCC maintains the largest and most diverse biorepository in the world. The innovative, not-for-profit organization develops and provides products for life science research, services to support biotechnology development, and standards that are consistent with its mission — to acquire, authenticate, preserve, develop, and distribute standard reference microorganisms, cell lines, and related materials for research in the life sciences. With distribution to more than 140 countries and a working relationship with 12 distribution partners, ATCC has the experience, knowledge, rigorous methodologies, standards, longevity and the global reach to serve academic institutions, government agencies, biotech, biopharma, and research organizations around the world.