

Human muscle derived cells isolated and cultured using Cook MyoSite's process and were stained with a Mouse Anti-Human Desmin antibody Clone D33 (Dako M0760) at 1:250. Secondary antibody was Sheep anti-mouse::FITC (Sigma F2883) at 1:250. Nuclei were stained with DAPI.

Primary Cells & Media

Invest in high-quality primary cells and media to make your research more reliable consistent and efficient.

Cook MyoSite® offers single-donor primary human skeletal muscle cells (skMDC) characterized by age gender race and BMI with specially formulated media that is optimized to make cell culture growth differentiation and cryopreservation as reliable as possible in your lab. We offer cells from healthy donors and donors with a range of medical, neuromuscular, and other conditions. In addition, Cook MyoSite is the only commercial supplier of fibro-adipogenic progenitor (FAP) cells.

When you purchase cells or media, you're purchasing our expertise too.

At Cook MyoSite our services are backed by nearly two decades of clinical experience in muscle-related research. skMDC and media are processed using only the highest quality materials and our highly experienced Custom Cell Solutions team provides expert customer service and technical support to ensure that the cells perform as expected.



In addition, Cook MyoSite offers contract services. Potential services include:

- Muscle and other adherent (e.g.-MSC) cell production and cryopreservation
- GMP and non-GMP production facilities available
- Manufacturing Process development
- Procurement and processing of muscle cells from specific donor populations
- Custom media formulations
- QC analytical testing and assay development

skMDC Human Skeletal Muscle Cells

Our skMDC are myoblast-like, non-differentiated cells for Research Use Only (RUO). Each lot must pass an assortment of quality tests to be approved for shipment including the ability to differentiate unless the donor has been clinically diagnosed with a condition that might affect this ability.

Each vial contains 500,000 cells. Upon request, we may be able to provide information regarding diabetes history, physical activity levels, and other such information.

CATALOG #	DESCRIPTION	VOLUME
SK-1111	skMDC Human Skeletal Muscle Cells	1mL
SK-2222	skMDC Human Skeletal Muscle Cells – Neuromuscular Diseases	1mL

CryoTonic™ Cryostorage Medium

Preserve your cells with our CryoTonic Cryostorage Medium carefully formulated for mammalian cells to maintain high viability post-thaw.

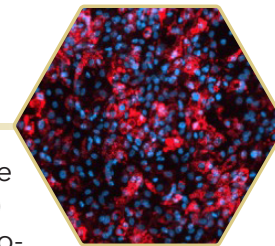
CATALOG #	DESCRIPTION	VOLUME
CR-9999	CryoTonic Cryostorage Medium	50mL



Fibro-Adipogenic Progenitor Cells

Cook MyoSite is the first and only supplier to make primary human fibro-adipogenic progenitor (FAP) cells available for use. These notoriously difficult-to-isolate and slow-growing cells are tissue-resident progenitor cells with 'stem-like' properties that are dormant by default until acute injury of muscle fibers cause them to activate.

CATALOG #	DESCRIPTION	VOLUME
FP-1111	Fibro-Adipogenic Progenitor Cells	1mL



MyoTonic™ Family of Culture Media

Our MyoTonic Family of Culture Media is optimized for use with our skMDC cell samples and provides your lab with a range of options for cell growth differentiation and custom applications.

CATALOG #	DESCRIPTION	VOLUME
MB-2222	MyoTonic Basal Medium	450mL
ML-6666	MyoTonic Insulin-Free Basal Medium	450mL
MS-3333	MyoTonic Growth Supplement	50mL
MS-8888	MyoTonic Serum-Free Growth Supplement	3mL
MD-5555	MyoTonic Differentiation Media	250mL
MD-9999	MyoTonic Serum-Free Differentiation Media	250mL



Publications

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Product Use and Guidelines

Cook MyoSite® products are distributed for research use only. The use of these products is not approved for human or veterinary use. Do not use Cook MyoSite products with in vitro diagnostic assays.

Products contain human source material. Treat as potentially infectious. Handle at Biological Safety Level 2 to minimize exposure to potentially infectious agents. Each donor tissue, prior to cell isolation, is tested for the presence of HIV, Hepatitis B, and Hepatitis C. Testing cannot offer complete assurance that tested viruses are absent.

Buyer has no rights to transfer products, components or materials made using these products or use these products for commercial purposes. The term “commercial purposes” includes, but is not limited to, any of the following: use of products or their components in manufacturing; use of the product or their data components to provide a service, information, or data; intentional reproduction of cell products or their components indefinitely via immortalization; intentional use of products or their data components to intentionally identify individuals associated with applicable research samples; or use of products or their components for therapeutic or diagnostic purposes or resale of products or their components.

Shipping Information

Cook MyoSite ships products globally to areas including but not limited to Canada, Europe, the United Kingdom, China, Japan, South Korea, and Australia. We typically ship domestic orders within 5-7 business days and international orders within 7-14 days.

Disclaimer

Pricing may vary based on material sourcing and availability. Although the information in this skMDC Inventory List is presented in good faith and believed to be correct at the time of distribution, Cook MyoSite makes no representations or warranties as to the completeness or accuracy of the information. Cook MyoSite has no liability for any errors or omissions and maintains no obligation to update this listing.

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Can't find what you're looking for?

Cook MyoSite offers custom services including procurement and processing of muscle cells from a specific donor population cells cryopreserved at a specific passage and CMO/CDMO arrangements. [Visit our website to learn more.](#) | March 2025

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