



VERSION 2

SEP 26, 2023

JMN-MSMP Muscle Single Cell Isolation V.2

ccherry¹

¹SenNet JMN-MSMP

Cellular Senescence Network (SenNet) Method Development Community

SenNet JMN-MSM



ccherry

ABSTRACT

Single cell isolation from muscle

OPEN ACCESS



DOI:

dx.doi.org/10.17504/protocols.io.j8nlko8xxv5r/v2

Protocol Citation:

ccherry
2023. JMN-MSMP Muscle
Single Cell Isolation.

protocols.io

<https://dx.doi.org/10.17504/protocols.io.j8nlko8xxv5r/v2> Version created by ccherry

License: This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](#), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status:

Working
We use this protocol and it's working

Created: Sep 26, 2023

Last Modified: Sep 26, 2023

PROTOCOL integer ID:
88425

Single cell isolation

- 1** Tissue was finely diced in RPMI 1640 (Gibco) with 1.6 Wunsh U/mL Liberase TL (Roche Diagnostics) and 0.2 mg/ml deoxyribonuclease I (Roche Diagnostics).
- 2** Finely diced tissue was incubated at 37C for 45 minutes.
- 3** Digested tissues were ground subsequently through 100um and 70um strainers (Thermo Fisher Scientific).
- 4** Cells were centrifuged at 300g for 5 minutes and washed twice with 1x PBS