

It's time to boost your muscle differentiation research!

No matter the species or cell type (primary or immortalized), PROFUSE-S1 is a media supplement that significantly accelerates the efficiency of differentiation, fusion, and maturation of muscle progenitor cells.

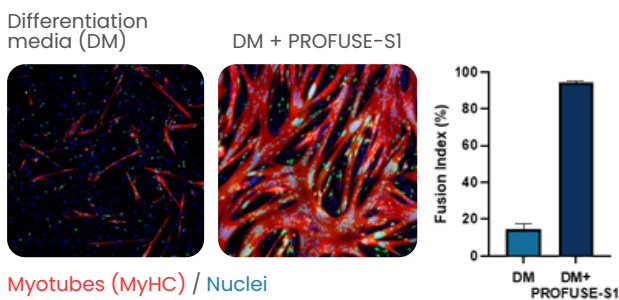
PROFUSE-S1 enables to:

- Conclude experiments faster with more reliable results, promoting expedited progress in your research and development.
- Develop various muscle models in a flexible and efficient manner using different cell types and cells culture media.
- Develop an in vitro muscle model that better mimics natural muscle, allowing more accurate disease modeling.
- Evaluate the impact of your gene of interest on muscle differentiation and fusion.
- Engineer clinically relevant muscle tissue constructs for regenerative medicine, in terms of protein profile and functionality.
- Achieve greater biomass production and higher protein levels.

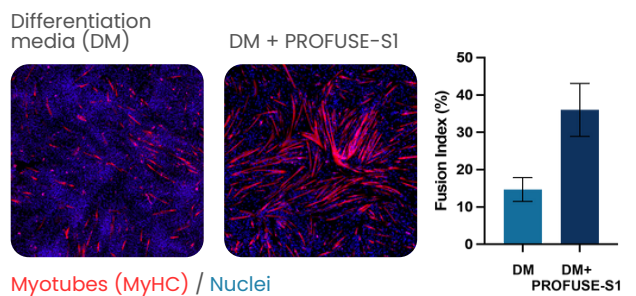


PROFUSE-S1 significantly enhances myoblast differentiation.

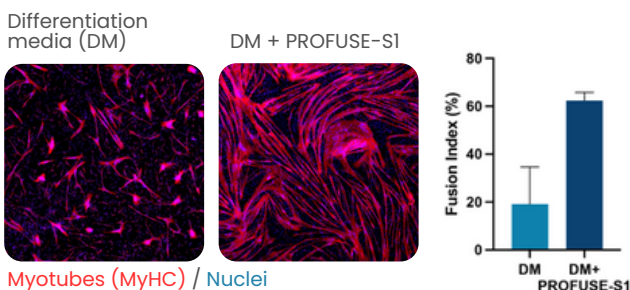
01 Primary mouse myoblast (24 hours post treatment)



02 C2C12 (72 hours post treatment)



03 Primary chicken myoblast (48 hours post treatment)



04 Immortalized bovine myoblast (48 hours post treatment)

