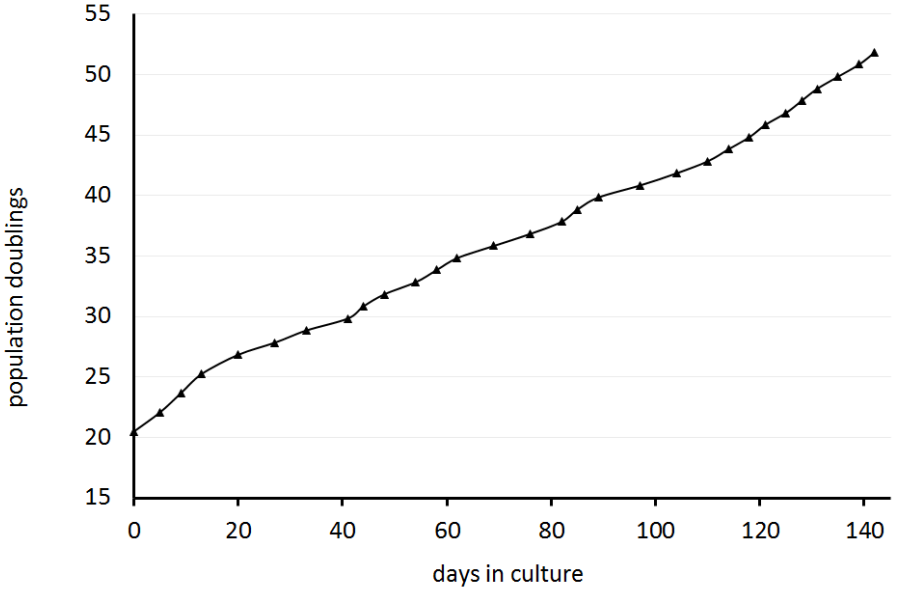
Key characteristics HDF/TERT1
Growth and morphology

EVERCYTE
forever is just enough.

Continuous growth in vitro

The cell line has been established by transduction of human dermal fibroblasts with a retrovirus carrying hTERT. HDF/TERT1 cells have been continuously cultured for more than 50 population doublings without showing signs of growth retardation. The cells show a constant growth rate with a population doubling time of about 72-96 hours.



Fibroblast morphology and expression of typical marker protein

HDF/TERT1 cells show the typical spindle-shaped morphology of fibroblasts (left picture). Additionally, the cells express the typical fibroblastoid cell marker Vimentin as shown by immunofluorescence stainings (right picture; cell nuclei are counterstained with DAPI).