



AUTOMATE YOUR GENOME ENGINEERING

CRISPR Done for You

Overview

Engineered Cells products deliver your desired edit in your preferred cell type with guaranteed results. We've optimized CRISPR. You focus on the discoveries.

Synthego's next-generation products provide researchers with access to the benefits of CRISPR. You no longer need to invest significant time and money to learn and optimize methods.

CRISPR Applications for Engineered Cells



Gene & Protein
Function



Protein Tagging
and Engineering



Assay & Antibody Validation



Pathway Analysis



Disease Models



Precision Editing

We have streamlined the editing step of the knockout experimental workflow by completely eliminating the need for scientists to optimize the transfection of CRISPR reagents themselves. Our newest product family, Engineered Cells, allows all researchers affordable access to state-of-the-art knockout cell pools and clonal cell lines.



Knockout Cell Pools

Your Fastest Path to CRISPR.

A population of CRISPR edited cells with guaranteed 50% or greater protein knockout.



Knockout Cell Clones

Take Full Advantage of CRISPR.

100% sequence-verified to contain your desired CRISPR knockout.



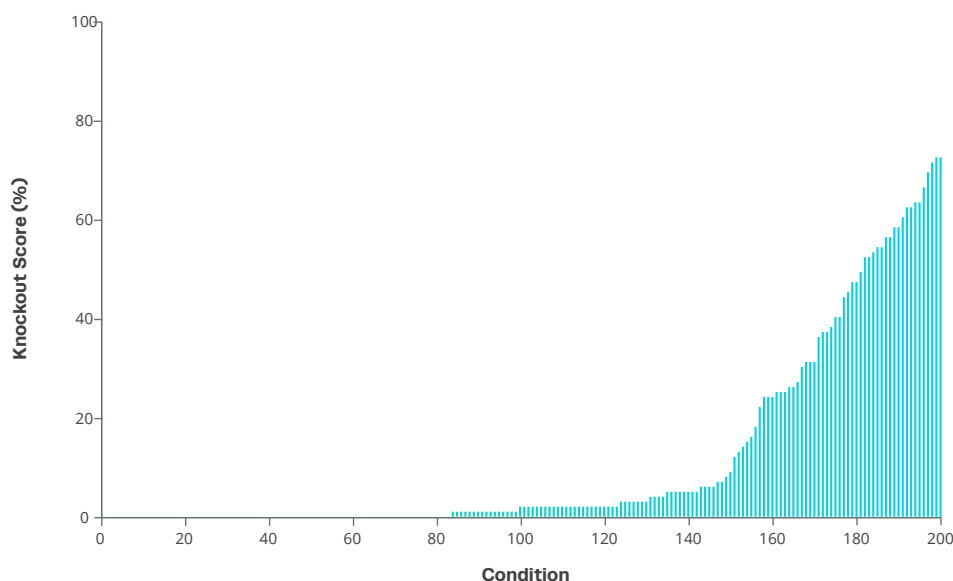
Advanced Cells

Your Edit. Your Cell.

Editing non-human cells, difficult cells, knock-ins, and knocking out multiple genes.

200 Ways We Optimize CRISPR

No two cell lines are the same, so there's no single best CRISPR protocol for all cells. We perform a rapid high-throughput optimization for every single cell line to ensure that the best conditions are used.



The Synthego Cell Line Treatment.

The KO score (proportion of indels that cause a putative knockout) for 200 different conditions in difficult-to-edit THP-1 cells. The KO score was improved from 5% (standard protocol) to 72% after Synthego's CRISPR knockout optimization.