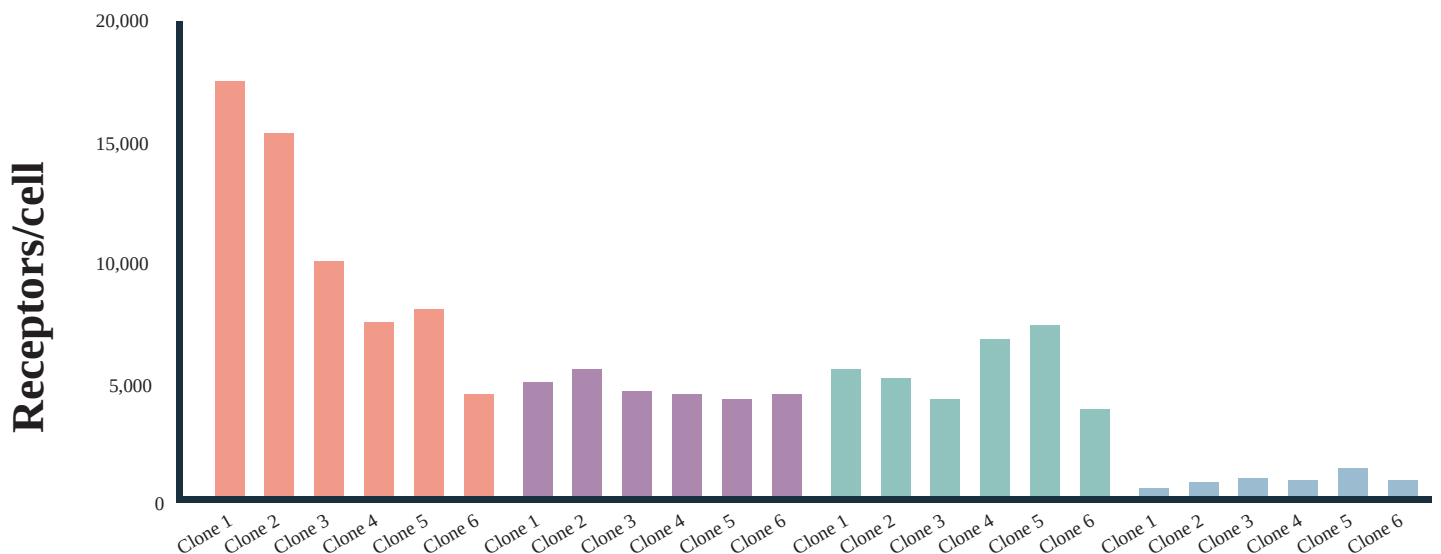


Engineer customised cell lines with our

Cell Engineering Service

Our Cell Engineering (CE) service can be used to engineer **customised cell lines** for evaluation in bioassays. We draw on our collaborative expertise to deliver cell lines that are **fit-for-purpose** to support your research across the drug discovery life cycle including early screening studies to identify candidates, potency and mechanism of action studies and lot release testing.

Receptor Expression



Generate clones at specific expression levels or ask about our **inducible expression cell line**.

Why choose **RoukenBio** for Cell Engineering?

Our cell line development projects will be engineered with the application in mind, providing:



Collaborative expertise and a consultative approach

Our in-house teams of molecular biologists and immunologists have the expertise to create custom cell lines for the specific assay in mind, all designed with your consultation.



Expression of difficult-to-express targets

We have experience of creating cell lines expressing typically difficult to express proteins e.g. Class I MHC alleles, viral proteins.



Defined expression levels

Pick a specific level of receptor expression to model diseases more representatively or help determine drug thresholds.



Custom reporter assays

We can develop customised reporter assays for novel targets or help elucidate mechanism of action or select from our catalogue of reporter cell lines.



Integrated expertise

The cell line can be used immediately in our range of bioassays and translational T-cell assays.

Discover more about our cell engineering services and access example data in our CLD slide deck.



RoukenBio - The CRO redefined

Backed by our brilliant minds, we have turned the traditional CRO model on its head, by fostering a collaborative and personalised approach. Our mission is simple:

Solve problems. Deliver quality data. Propel your drug discovery breakthroughs.

United by a passion to make sense of complexities and overcome challenges, we apply our specialised knowledge to big-picture thinking. We will explore every option to deliver over and above for your project.

We are thought leaders with a deep understanding of immunology, bioassays, molecular biology and a track record of groundbreaking discoveries and novel cell-based tools.