

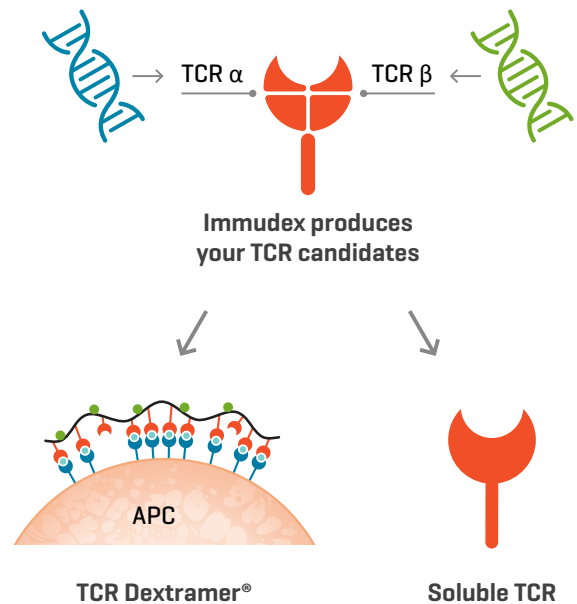
TCR Solutions Beyond Standard Research Questions

Immudex produces your TCR candidates, either as Soluble TCR Monomers or as TCR Dextramer[®] Reagents. TCR Solutions are offered as part of our Custom Solutions and Services, led by our dedicated team of experts.

Validate Your TCR Candidates

Provide us with your candidate TCR sequences or discover them in your lab using dCODE Dextramer[®] single-cell multi-omics. Immudex builds your TCR Solution for many applications, including:

- Cross-reactivity screening
- TCR-like antibody applications
- Quantification of antigen-presenting cells
- Cell therapy e.g. TCR-T and CAR-T
- Analysis of TCR-pMHC complex affinity
- Validation and characterization of candidate TCRs
- Quality control of peptide or cell-based vaccine



Cutting-Edge TCR Solutions

The Immudex TCR Solutions cover Soluble TCR Monomers and TCR Dextramer[®] reagents, providing a broad spectrum of labeling and biotinylation options.

Soluble TCR Monomers

TCR vector constructs produced based on your candidate α and β chain gene sequences.

- Different amounts available [20 μ g, 100 μ g, and 200 μ g*]
- Quality control documentation

*Larger test sizes are available upon request

TCR Dextramer[®] Reagents

Our Dextramerization[™] process generates TCR Dextramer[®] reagents from your Soluble TCR Monomers produced by Immudex.

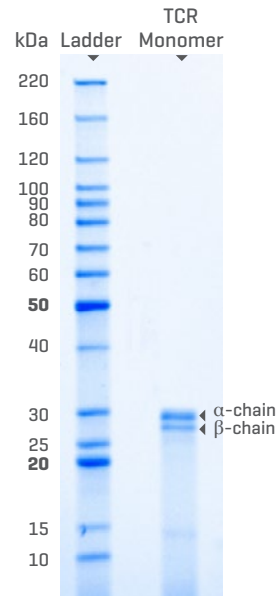
- 50, 150, or 500 tests*
- Available with FITC, PE, or APC
- Quality control documentation

*Larger test sizes are available upon request

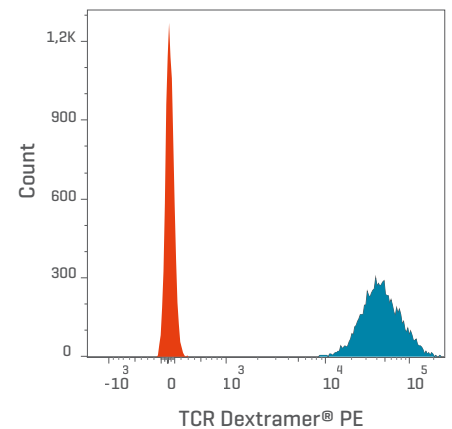
Unify Versatile Use with Quality Control

Immudex[®] TCR Solutions are under strict quality control and functional testing thus making it the safe choice for your research:

- SDS PAGE gel. α and β chains are present at the correct sizes.
- Testing of functionality and specificity of TCR Solutions by flow cytometry, generating TCR Dextramer[®] reagents.
- Orange peak = negative control pMHC.
- Blue peak = the shift indicates the binding of the TCR Dextramer[®] to its cognate pMHC.



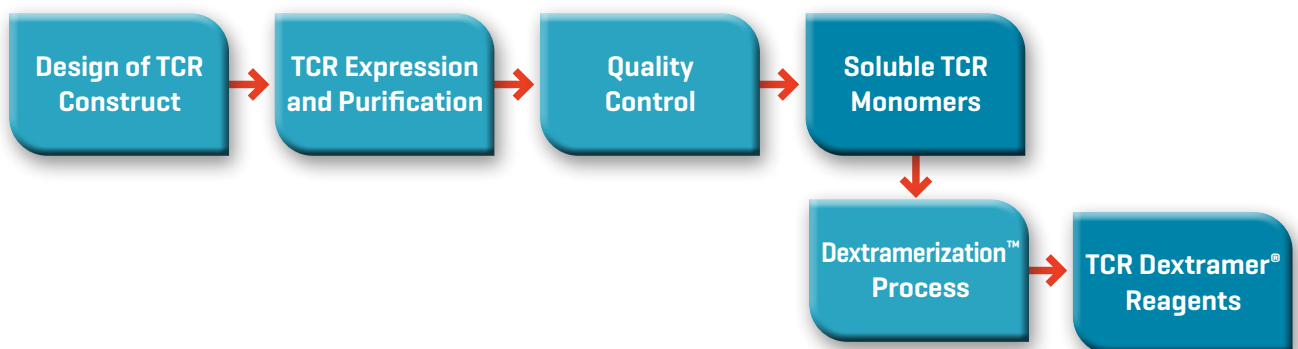
SDS-PAGE confirms purity



Functionality and specificity testing

From Idea to TCR Solutions

TCR Solutions consists of different phases designed to meet the success criteria of your research and the manufacturing is tailored to each TCR construct to ensure highest quality.



Interested in learning more? Please contact us at customer@immudex.com

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For research use only. Not for use in diagnostic or therapeutic procedures.