

# Stabilization with Disulfides

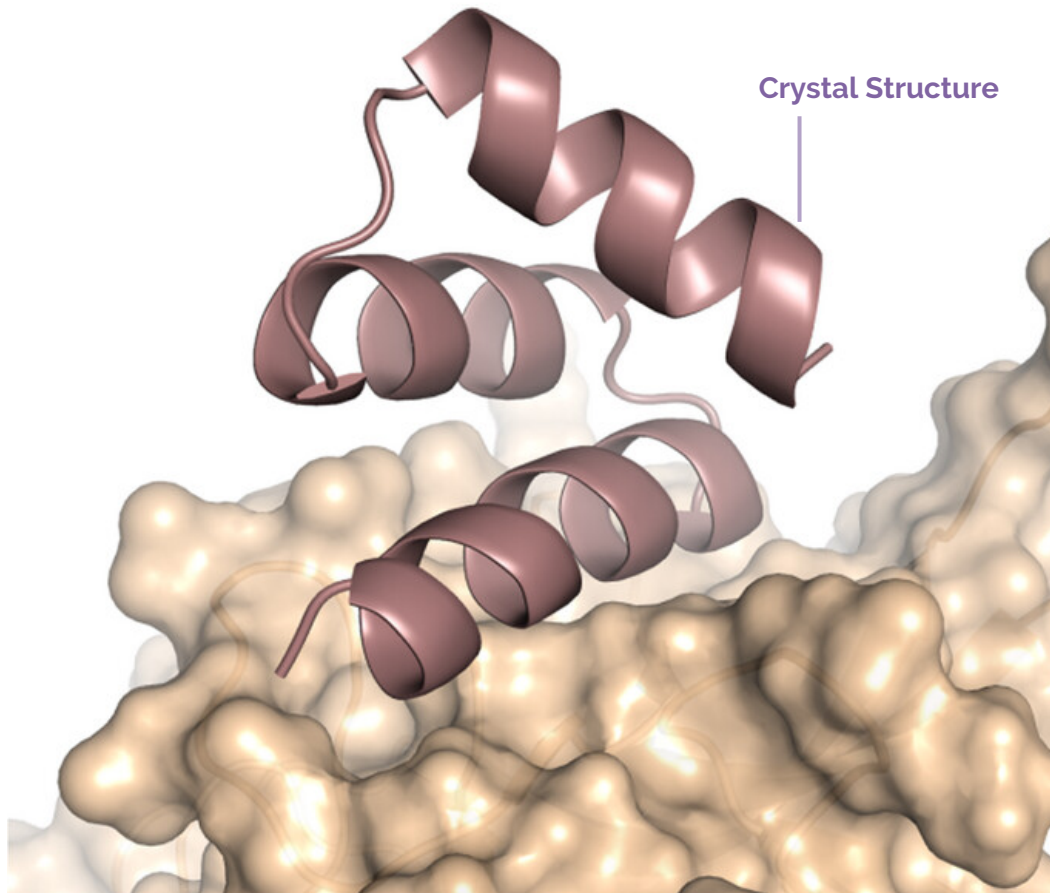
*Protein Stabilized @  $T_M > 95^\circ$  & Binding Retained*

Systematically scan residue pairs for disulfide geometry fit

Create Cys-Cys mutations for all appropriate pairs

Sample new conformations after Cys-Cys Mutation

Rank mutants by score



Good Match Between Predicted Structure and Crystal Structures in Disulfide and Interaction Regions

