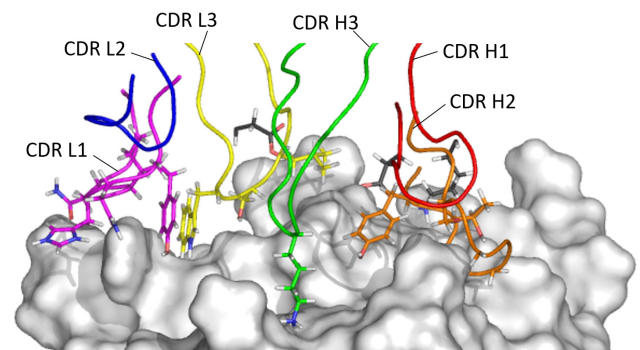


## Antibody Humanization Service

Absolute Antibody's Prometheus™ antibody humanization service delivers a panel of humanized variants from your clone, guaranteeing to produce a variant with comparable activity to the parent antibody. Our service focuses on enhancing antibody manufacturability, leading to increased expression, lower aggregation, and long-term stability and solubility.

Our Prometheus™ antibody humanization service is uniquely focused on delivering humanized antibodies with robust manufacturability, enabling the optimized large-scale production required for clinical use.

Our approach was informed by analyzing manufacturability data for more than 100 therapeutic antibodies to identify preferential manufacturing properties. We use structure-guided CDR grafting onto preferred germline backbones selected for these key manufacturability properties.



Model of antibody-antigen interface

- Our service is royalty-free with a no-success-no-fee guarantee
- We guarantee to produce a minimum of 12 humanized variants
- Our team has deep humanization expertise, dating back to the first humanized antibody in 1988
- We've completed 50+ successful humanizations, for customers ranging from pharma to academia

### Deliverables

Choose from our four levels of service:

	Bronze	Silver	Gold	Platinum
Generation of structural model	✓	✓	✓	✓
<i>In silico</i> manufacturability optimization	✓	✓	✓	✓
<i>In silico</i> humanization	✓	✓	✓	✓
Sequence liability analysis	✓	✓	✓	✓
Expression/purification of parent as human chimeric		✓	✓	✓
Expression/purification of up to 16 humanized variants		✓	✓	✓
Determination of expression yields		✓	✓	✓
Measurement of aggregation levels		✓	✓	✓
Antibodies sent to client for activity testing		✓		
ELISA activity screen			✓	✓
Full kinetic analysis to determine KD by Biacore				✓
Full report	✓	✓	✓	✓
Service timeline	1 week	8 weeks	9 weeks	12 weeks

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