

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: CD40 Ligand/TRAP(CD154/TRAP), Human  
Cat. No.: Z02022-50  
Lot No.: R50281807  
Size: 50 µg/vial  
Storage Condition: Upon reconstitution, store at 2 - 8°C for up to one week,  
and store at lower than -70°C for long term storage.  
**Avoid repeated freeze/thaw cycles.**

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### Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze - dried Powder	Conformed
Purity (SDS-PAGE)	> 95 %	Conformed
Specific Activity	5-10 ng/ml	Conformed
Molecular Weight	16.3±1.6KDa	Conformed
Bacterial Endotoxin	< 1.0 EU/µg	< 1.0 EU/µg

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: zh.cui Date: 07/31/2018

Protein Products Department