

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name: 4-1BB R/TNFRSF9, Human

Cat. No.: Z02933

Lot No.: R50221807

Size: 20 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&HPLC) | > 97%                       | 97.42%       |
| Biological Activity    | Conformed                   | Conformed    |
| Molecular Weight       | 17.7 ± 1.8 KDa              | Conformed    |
| Bacterial Endotoxin    | < 1.0 EU/µg                 | < 0.01 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: 07/26/2018  
Protein Products Department