

## Product Datasheet

### SIRT3 Blocking Peptide (orb392865)

|                            |                                                                                                                                                                                                                                                                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | The peptide is used to block Anti-SIRT3 antibody reactivity.                                                                                                                                                                                                                                 |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                                        |
| <b>Tested Applications</b> | Blocking                                                                                                                                                                                                                                                                                     |
| <b>Target</b>              | SIRT3                                                                                                                                                                                                                                                                                        |
| <b>Form/Appearance</b>     | Lyophilized powder                                                                                                                                                                                                                                                                           |
| <b>Storage</b>             | Shipped at 4°C. Store at -20°C for one year.                                                                                                                                                                                                                                                 |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                        |
| <b>Application notes</b>   | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.Experiment Notes: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. |
| <b>Purity</b>              | > 85%                                                                                                                                                                                                                                                                                        |
| <b>Source</b>              | Synthetic                                                                                                                                                                                                                                                                                    |
| <b>Uniprot ID</b>          | <b>Q9NTG7</b>                                                                                                                                                                                                                                                                                |
| <b>Entrez</b>              | <b>23410</b>                                                                                                                                                                                                                                                                                 |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                              |