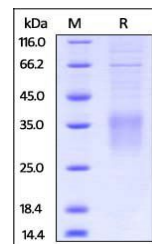


## Product Datasheet

### Mouse CD28 Protein (orb257968)

|                          |                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | Mouse CD28, His Tag is expressed from human 293 cells (HEK293). It contains AA Asn 20 - Lys 149 (Acc...                                                                                                                                                            |
| <b>Reactivity</b>        | Mouse                                                                                                                                                                                                                                                              |
| <b>Endotoxins</b>        | 1.0 EU per µg                                                                                                                                                                                                                                                      |
| <b>Conjugation</b>       | Unconjugated                                                                                                                                                                                                                                                       |
| <b>Target</b>            | CD28                                                                                                                                                                                                                                                               |
| <b>Preservatives</b>     | PBS, pH7.4                                                                                                                                                                                                                                                         |
| <b>Form/Appearance</b>   | Powder                                                                                                                                                                                                                                                             |
| <b>Storage</b>           | -20°C                                                                                                                                                                                                                                                              |
| <b>Tag</b>               | C-10×His                                                                                                                                                                                                                                                           |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                              |
| <b>Application notes</b> | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 16.9 kDa. As a result of glycosylation, the protein migrates as 33-40 kDa under reducing (R) condition, and 55-66 kDa under non-reducing (NR) condition (SDS-PAGE). |
| <b>Protein Sequence</b>  | NP_031668.3                                                                                                                                                                                                                                                        |
| <b>Purity</b>            | 90%                                                                                                                                                                                                                                                                |
| <b>Source</b>            | Mouse CD28, His Tag (orb257968) is expressed from human 293 cells (HEK293). It contains AA Asn 20 - Lys 149 (Accession # P31041-1).                                                                                                                                |
| <b>MW</b>                | 16.9 kDa                                                                                                                                                                                                                                                           |
| <b>Uniprot ID</b>        | <b>P31041</b>                                                                                                                                                                                                                                                      |
| <b>NCBI</b>              | <b>NP_031668.3</b>                                                                                                                                                                                                                                                 |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                     |



SDS-PAGE  
analysis of  
Mouse CD28  
protein