

## Product Datasheet

### Mouse CD47 Protein, His Tag (orb511323)

|                             |                                                                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb511323                                                                                                                                                                                                                                                               |
| <b>Category</b>             | Proteins                                                                                                                                                                                                                                                                |
| <b>Description</b>          | Mouse CD47, His Tag is expressed from human 293 cells (HEK293). It contains AA Gln 19 - Lys 140 (Accession # Q61735-1).                                                                                                                                                 |
| <b>Target</b>               | CD47                                                                                                                                                                                                                                                                    |
| <b>Conjugation</b>          | Unconjugated                                                                                                                                                                                                                                                            |
| <b>Tag</b>                  | C-10×His                                                                                                                                                                                                                                                                |
| <b>Reactivity</b>           | Mouse                                                                                                                                                                                                                                                                   |
| <b>Form/Appearance</b>      | Powder                                                                                                                                                                                                                                                                  |
| <b>Buffer/Preservatives</b> | PBS, 0.5 M Arginine, pH 7.4                                                                                                                                                                                                                                             |
| <b>Purity</b>               | 90%                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>           | <b>Q61735</b>                                                                                                                                                                                                                                                           |
| <b>MW</b>                   | 15.7 kDa                                                                                                                                                                                                                                                                |
| <b>Application notes</b>    | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 15.7 kDa. The protein migrates as 28-42 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| <b>Expression System</b>    | HEK293                                                                                                                                                                                                                                                                  |
| <b>Endotoxins</b>           | 1.0 EU per µg                                                                                                                                                                                                                                                           |
| <b>Expression Region</b>    | Gln 19 - Lys 140                                                                                                                                                                                                                                                        |

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**Storage**

-20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

**Note**

For research use only

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