

## Product Datasheet

### Human MERTK / Mer Protein (orb864194)

|                          |                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | Tyrosine-protein kinase Mer(MERTK) is a member of the TYRO3/AXL/MER (TAM) receptor kinase family and...                                                                                                    |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                      |
| <b>Endotoxins</b>        | 1.0 EU per µg                                                                                                                                                                                              |
| <b>Conjugation</b>       | Unconjugated                                                                                                                                                                                               |
| <b>Target</b>            | MERTK                                                                                                                                                                                                      |
| <b>Preservatives</b>     | PBS, pH7.4                                                                                                                                                                                                 |
| <b>Form/Appearance</b>   | Powder                                                                                                                                                                                                     |
| <b>Storage</b>           | -20°C                                                                                                                                                                                                      |
| <b>Tag</b>               | C-Fc                                                                                                                                                                                                       |
| <b>Note</b>              | For research use only                                                                                                                                                                                      |
| <b>Application notes</b> | This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 79.1 Kda. The protein migrates as 100-150 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| <b>Protein Sequence</b>  | NP_006334.2                                                                                                                                                                                                |
| <b>Purity</b>            | 90%                                                                                                                                                                                                        |
| <b>Source</b>            | Human MERTK, Fc Tag (orb864194) is expressed from human 293 cells (HEK293). It contains AA Ala 21 - Ile 505 (Accession # Q12866-1).                                                                        |
| <b>MW</b>                | 79.1 Kda                                                                                                                                                                                                   |
| <b>NCBI</b>              | <a href="#">NP_006334.2</a>                                                                                                                                                                                |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                             |