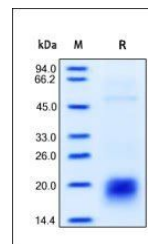


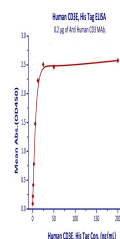
## Product Datasheet

### Human CD3 epsilon Protein (orb257326)

|                          |                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | CD3e molecule, epsilon is also known as CD3E, is a T-cell surface single-pass type I membrane glycop...                                                                                                                                                            |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                                                                              |
| <b>Endotoxins</b>        | 1.0 EU per µg                                                                                                                                                                                                                                                      |
| <b>Conjugation</b>       | Unconjugated                                                                                                                                                                                                                                                       |
| <b>Target</b>            | CD3 epsilon                                                                                                                                                                                                                                                        |
| <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. Maybe caused by unknown PTMs, the protein migrates as 20-21 kDa under reducing (R) condition, and 35-45 kDa under non-reducing (NR) condition (SDS-PAGE). |
| <b>Protein Sequence</b>  | NP_000724.1                                                                                                                                                                                                                                                        |
| <b>Purity</b>            | 90%                                                                                                                                                                                                                                                                |
| <b>Source</b>            | Human CD3 epsilon, His Tag (orb257326) is expressed from human 293 cells (HEK293). It contains AA Asp 23 - Asp 126 (Accession # P07766-1).                                                                                                                         |
| <b>MW</b>                | 16.9 kDa                                                                                                                                                                                                                                                           |
| <b>NCBI</b>              | <b>NP_000724.1</b>                                                                                                                                                                                                                                                 |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                     |



SDS-PAGE analysis of Human CD3 epsilon p...



Immobilized Anti Human CD3 MAb, mouse Ig...