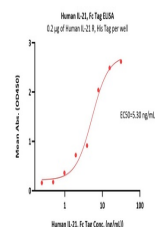


## Product Datasheet

### Human IL-21 Protein (orb545751)

|                          |                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | Interleukin-21 (IL-21) is a secreted protein which belongs to the IL-15 / IL-21 family. Interleukin-...                                                                                                          |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                            |
| <b>Endotoxins</b>        | 1.0 EU per µg                                                                                                                                                                                                    |
| <b>Conjugation</b>       | Unconjugated                                                                                                                                                                                                     |
| <b>Target</b>            | IL-21                                                                                                                                                                                                            |
| <b>Preservatives</b>     | 50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH7.5                                                                                                                                                                   |
| <b>Form/Appearance</b>   | Powder                                                                                                                                                                                                           |
| <b>Storage</b>           | -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. |
| <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 41.9 kDa. The protein migrates as 45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.            |
| <b>Purity</b>            | 95%                                                                                                                                                                                                              |
| <b>Source</b>            | Human IL-21, Fc Tag (orb545751) is expressed from human 293 cells (HEK293). It contains AA Gln 30 - Ser 162 (Accession # Q9HBE4-1).                                                                              |
| <b>MW</b>                | 41.9 kDa                                                                                                                                                                                                         |
| <b>NCBI</b>              | <a href="#">NP_068575.1</a>                                                                                                                                                                                      |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                   |



Immobilized  
Human IL-21  
R, His Tag  
(Cat....