

## Product Datasheet

### Human CLDN5 Protein, hFc Tag (orb1290914)

**Description**

Recombinant human CLDN5 protein with

|                        |                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>      | Human                                                                                                                                                                                                                                                  |
| <b>Conjugation</b>     | Unconjugated                                                                                                                                                                                                                                           |
| <b>Target</b>          | CLDN5                                                                                                                                                                                                                                                  |
| <b>Preservatives</b>   | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.                                                                      |
| <b>Form/Appearance</b> | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                    |
| <b>Storage</b>         | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).<br>Lyophilized proteins are shipped at ambient temperature. |
| <b>Tag</b>             | C-Human Fc Tag                                                                                                                                                                                                                                         |
| <b>Note</b>            | For research use only                                                                                                                                                                                                                                  |
| <b>Purity</b>          | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                   |
| <b>Source</b>          | Mammalian                                                                                                                                                                                                                                              |
| <b>MW</b>              | The protein has a predicted molecular mass of 32.1 kDa after removal of the signal peptide. The apparent molecular mass of CLDN5-hFc is approximately 35-40 kDa due to glycosylation.                                                                  |
| <b>Uniprot ID</b>      | <b>O00501</b>                                                                                                                                                                                                                                          |
| <b>Expiration Date</b> | 6 months from date of receipt.                                                                                                                                                                                                                         |