

**PRODUCT INFORMATION**

|                                         |                                                                                                                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target</b>                           | QRFPR                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                         | AQ27; GPR103; SP9155                                                                                                                                                                                                                                |
| <b>Description</b>                      | Recombinant human QRFPR Protein with C-terminal human Fc tag                                                                                                                                                                                        |
| <b>Delivery</b>                         | In Stock                                                                                                                                                                                                                                            |
| <b>Uniprot ID</b>                       | Q96P65                                                                                                                                                                                                                                              |
| <b>Expression Host</b>                  | HEK293                                                                                                                                                                                                                                              |
| <b>Tag</b>                              | C-Human Fc tag                                                                                                                                                                                                                                      |
| <b>Molecular Characterization</b>       | QRFPR(Met1-Lys45) hFc(Glu99-Ala330)                                                                                                                                                                                                                 |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 31.5 kDa after removal of the signal peptide. The apparent molecular mass of QRFPR-hFc is approximately 35-55 kDa due to glycosylation.                                                               |
| <b>Purity</b>                           | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                    |
| <b>Storage &amp; Shipping</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). Lyophilized proteins are shipped at ambient temperature. |
| <b>Background</b>                       | Enables G protein-coupled receptor activity. Involved in G protein-coupled receptor signaling pathway. Predicted to be located in non-motile cilium. [provided by Alliance of Genome Resources, Nov 2024]                                           |
| <b>Usage</b>                            | Research use only                                                                                                                                                                                                                                   |
| <b>Conjugate</b>                        | Unconjugated                                                                                                                                                                                                                                        |



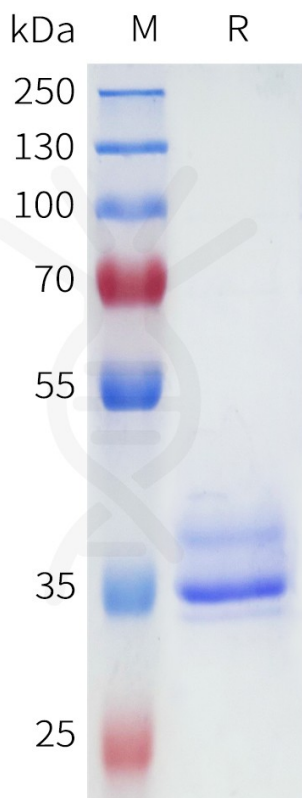


Figure 1. Human QRFPR Protein, hFc Tag on SDS-PAGE under reducing condition.

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