

PRODUCT INFORMATION

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| Target | C5AR2 |
| Synonyms | C5L2;GPF77;GPR77 |
| Description | Recombinant Human GPR77(1-38) with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9P296 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | GPR77(Met1-Pro38) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 30.2 kDa after removal of the signal peptide. The apparent molecular mass of GPR77(1-38)-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | 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. |
| Storage&Shipping | 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. |
| Background | This gene encodes a G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor. This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012] |
| Usage | Research use only |
| Conjugate | Unconjugated |



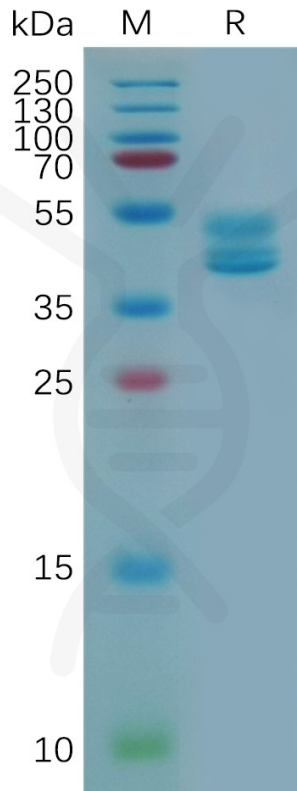


Figure 1. Human GPR77(1-38) Protein, hFc Tag on SDS-PAGE under reducing condition.

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