

## Product datasheet for **TP724227**

### Human GPR77 (1-38) Protein, hFc Tag

#### Product data:

|                               |  |
|-------------------------------|--|
| <b>Product Type:</b>          | Recombinant Proteins   |
| <b>Description:</b>           | Human GPR77 (1-38) Protein, hFc Tag  |
| <b>Expression Host:</b>       | HEK293   |
| <b>Tag:</b>                   | C-Human Fc   |
| <b>Predicted MW:</b>          | 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.  |
| <b>Purity:</b>                | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.   |
| <b>Reconstitution Method:</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.   |
| <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). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Stability:</b>             | 12 months from date of despatch  |
| <b>Summary:</b>               | 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] |



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