PRODUCT INFORMATION

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

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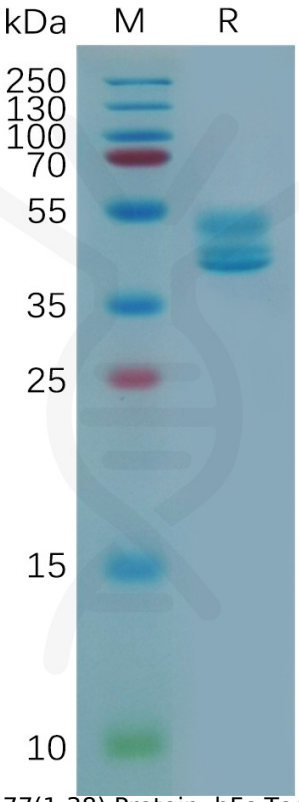


Figure 1. Human GPR77(1-38) Protein, hFc Tag on SDS-PAGE under reducing condition.

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