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Datasheet for ABIN7092820 GPR77 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	GPR77
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GPR77 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human GPR77(1-38) with C-terminal human Fc tag
Specificity:	GPR77 (Met1-Pro38) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	GPR77
Alternative Name:	GPR77 (GPR77 Products)
Background:	Synonyms: C5L2 Description: 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

Target Details

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]

Molecular Weight: predicted molecular mass of 30.2 kDa after removal of the signal peptide. The apparent molecular mass of GPR77(1-38)-hFc is 35-55 kDa due to glycosylation.

UniProt: [Q9P296](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months