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## Datasheet for ABIN6964150 C5AR1 Protein (Fc Tag)

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg                                      |
| Target:                       | C5AR1                                       |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This C5AR1 protein is labelled with Fc Tag. |

### Product Details

|                  |   |
|------------------|---|
| Purpose:         | Recombinant Human C5AR1 Protein with C-terminal human Fc tag  |
| Specificity:     | C5AR1 (Met1-Asp37) 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:           | C5AR1   |
| Alternative Name: | C5AR1 ( <a href="#">C5AR1 Products</a> )  |
| Background:       | Synonyms: C5A, C5AR, C5R1, CD88<br>Description: C5AR1 (Complement C5a Receptor 1) is a Protein Coding gene. Diseases associated with C5AR1 include Hypersensitivity Reaction Type Iii Disease and Mast-Cell |

## Target Details

|                   |   |
|-------------------|---|
|                   | Sarcoma. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. Gene Ontology (GO) annotations related to this gene include G protein-coupled receptor activity and complement component C5a binding. |
| Molecular Weight: | predicted molecular mass of 30.4 kDa after removal of the signal peptide. The apparent molecular mass of C5AR1-hFc is 40-53 kDa due to glycosylation.   |
| UniProt:          | <a href="#">P21730</a>  |
| Pathways:         | <a href="#">Complement System</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| 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.  |
| Preservative:    | Without preservative   |
| 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).<br>Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date:     | 12 months  |