

# Active Recombinant Human C5AR1 Full Length Transmembrane protein, His-tagged(VLPs)

Cat. No. C5AR1-1481H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human C5AR1 protein(P21730)(1-350aa), fused to C-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-350aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized human C5AR1 at 10 µg/mL can bind Anti-C5AR1 recombinant antibody, the EC50 is 1.239-3.760 ng/mL.
<b>Molecular Mass</b>	41.1 kDa
<b>AA Sequence</b>	MDSFNYYTTPDYGHYDDKDTLDLNTVPDKTSNTPDILALVIFAVVFLVGVLGNALV VWVTAFAEKRTINAIWFLNLAVADFLSCLALPILFTSIVQHHHWPFGGAAACSILPSLILL NMYASILLLATISADRFLLVFKPIWCQNFRGAGLAWIACAVAWGLALLLTIPSFLYRVV REEYFPPKVLGVDYSHDKRRERAVAVRLVLGFLWPLLTLTICYTFILLRTWSRRAT RSTKTLKVVVAVVASFFIFWLPYQVTGIMMSFLEPSSPTFLLLKKLDSLCSVFSFAYINCC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

INPIIYVVAGQGFGRLRKSLPSSLRNVLTEESVVRESKSFTRSTVDTMAQKTQAV

**Endotoxin** Less than 1.0 EU/ug as determined by LAL method.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [C5AR1 complement component 5a receptor 1 \[ Homo sapiens \]](#)

**Official Symbol** [C5AR1](#)

**Synonyms** C5AR1; complement component 5a receptor 1; C5R1, complement component 5 receptor 1 (C5a ligand); C5a anaphylatoxin chemotactic receptor; C5A; C5AR; CD88; C5a-R; C5a ligand; C5a anaphylatoxin receptor; complement component 5 receptor 1; C5R1;

**Gene ID** [728](#)

**mRNA Refseq** [NM\\_001736](#)

**Protein Refseq** [NP\\_001727](#)

**MIM** [113995](#)

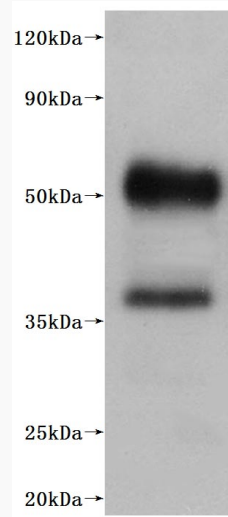
**UniProt ID** [P21730](#)

 Tel: 1-631-559-9269 1-516-512-3133

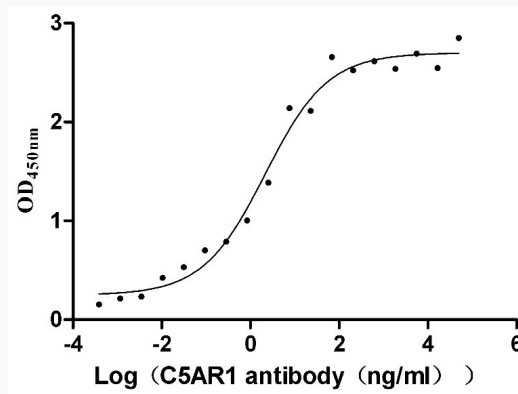
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**



**Activity**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA