

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

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

SPECIFICATION

Product Overview	Recombinant Human C5AR1 protein(P21730)(1-350aa), fused to C-terminal His tag, was expressed in E. coli.
Species	Human
Source	HEK293
ProteinLength	1-350aa
Form	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.
Bio-activity	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.
Molecular Mass	41.1 kDa
AA Sequence	MDSFNYYTTPDYGHYDDKDTLDLNTVPDKTSNTLRVPDILALVIFAVVFLVGVLGNALV VWVTAFEAKRTINAIWFLNLAVADFLSCLALPILFTSIVQHHHWPFGGAACSILPSLILL NMYASILLLATISADRFLLVFKPIWCQNFRGAGLAWIACAVAWGLALLLTIPSFLYRVV REEYFPPKVLGVDYSHDKRRERAVAIVRLVLGFLWPLLTLTICYTFILLRTWSRRAT RSTKTLKVVVAVVASFFIFWLPYQVTGIMMSFLEPSSPTFLLLKKLDSL CVSFAYINCC

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INPIIYVVAGQGFQGRRLRKSLPSLLRNVLTEESVVRESKSFTRSTVDTMAQKTQAV

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

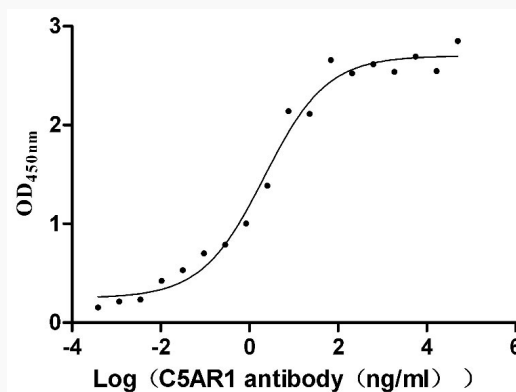
UniProt ID P21730

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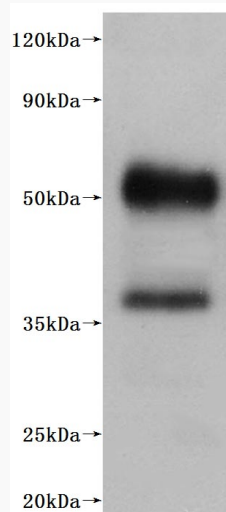
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Activity



SDS-PAGE



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