Active Recombinant Human C5AR1 Full Length Transmembrane protein(Nanodisc)

Cat. No. C5AR1-02984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C5AR1 Full Length Transmembrane protein(P21730), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag C5AR1-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with C5AR1-Nanodisc is 4.088ng/ml.
Molecular Mass	The human full length C5AR1 protein has a MW of 39.3 kDa.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

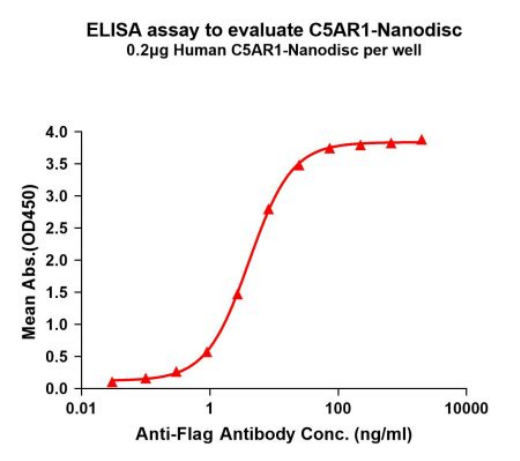
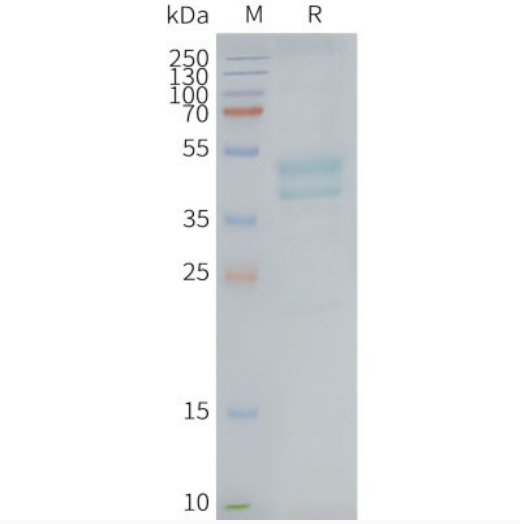
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Full Length	Full L.

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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