Recombinant Human C5AR1 Protein, His-tagged

Cat. No. C5AR1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens complement C5a receptor 1 (C5AR1) (NM_001736), with a His tag was expressed in Human Cells.
Species	Human
Source	Human Cells
Description	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production.
Molecular Mass	39.1 kDa
Endotoxin	< 0.1 ng/μg of protein (<1EU/μg)
Purity	> 90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives

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GENE INFORMATION

Gene Name	C5AR1 complement C5a receptor 1 [Homo sapiens (human)]
Official Symbol	C5AR1
Synonyms	C5AR1; complement C5a receptor 1; C5A; C5AR; C5R1; CD88; C5a anaphylatoxin chemotactic receptor 1; C5a anaphylatoxin receptor; C5a ligand; C5a-R; complement component 5a receptor 1
Gene ID	728
mRNA Refseq	NM_001736
Protein Refseq	NP_001727
MIM	113995
UniProt ID	P21730

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