

Proteoliposomes

Full-Length

C5AR1 (Human) Recombinant Protein

Catalog # H00000728-G01

Size 2 ug

Specification

Product Description	Human C5AR1 full-length ORF (NP_001727.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MNSFNYTTPDYGHYDDKDTLDLNTVPDKTSNLTLPDILALVIFAVVFLVGVLGNALVVWVTAFEAKRTINAWFLNLAVADFLSCLALPILFTSVQHHHWPFGGAACSLPSLILLNMYASILLLATISADRFLLVFKPIWCQNFRGAGLAWIACAVAWGLALLLTIPSFLYRVVREEYFPPKVLGVDYSHDKRRERAVAMRLVLGFLWPLLTLTICYTFILLRTWSRRATRSTKLKVVAVVASFFIFWLPYQVTGIMMSFLEPSPTFLLLNLKLDSLCVSFAYINCCINPIYVVAGQGFQGLRKSLPSLLRNVLTEESVVRESKSFTRSTVDTMAQKTQAV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.3
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — C5AR1

Entrez GeneID	728
GeneBank Accession#	NM_001736.3
Protein Accession#	NP_001727.1
Gene Name	C5AR1
Gene Alias	C5A, C5AR, C5R1, CD88
Gene Description	complement component 5a receptor 1
Omim ID	113995
Gene Ontology	Hyperlink
Other Designations	C5a anaphylatoxin receptor C5a ligand complement component 5 receptor 1

Publication Reference

- [The staphylococcal toxins \$\gamma\$ -haemolysin AB and CB differentially target phagocytes by employing specific chemokine receptors.](#)

Spaan AN, Vrieling M, Wallet P, Badiou C, Reyes-Robles T, Ohneck EA, Benito Y, de Haas CJ, Day CJ, Jennings MP, Lina G, Vandenesch F, van Kessel KP, Torres VJ, van Strijp JA, Henry T.

Nature communications 2014 Nov; 5:5438.

Application: Surface plasmon resonance, Recombinant protein

Pathway

- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)

- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pulmonary Disease](#)