

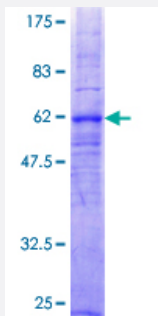
Full-Length

C5R1 (Human) Recombinant Protein (P02)

Catalog # H00000728-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C5R1 full-length ORF (NP_001727.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNSFNYTTPDYGHYDDKDTLDLNTVPDKTSNLTLPDILAVVFLVGVLGNALVVWVTAFEAKRTINAWFLNLAVADFLSCLALPILFTSVQHHHWPFGGAACSLPSLILLNMYASILLATISADRFLLVFKPIWCQNFRGAGLAWIACAWGLALLLTIPSFLYRVVREEYFPPKVLGVDYSHDKRRERAVANRLVLGFLWPLLTLTICYTFILLRTWSRRATRSTKTLKVVAVVASFFIFWLPYQVTGIMMSFLEPSPTFLLLNLKLDSLCVSFAYINCCINPIYVVAGQGFQGRRLKSLPSLLRNVLTEESVVRESKSFTRSTVDTMAQKTQAV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

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

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](#)