

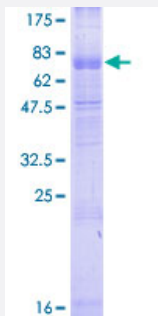
Full-Length

C3AR1 (Human) Recombinant Protein (P01)

Catalog # H00000719-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C3AR1 full-length ORF (NP_004045.1, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASFSAETNSTDLLSQPWNEPPVILSMVILSLTFLLGLPGNGLVLWVAGLKMQRVTNTWFLHLTL
ADLLCCLSLPFSLAHLALQGQWPYGRFLCKLIPSIVLNMFASVFLTAISLDRCLVVFKPMWCQNH
RNVGMACSGCWMVAFVMCIPVFVYREIFTTDNHNRCGYKFGLSSSLDYPDFYGDPLENRSLEN
VQPPGEMNDRDPSSFQTNHPWTVPTVFQPQTFQRPSADSLPRGSARLTSQNLYSNVFKPAD
VVSPKIPSGFPIEDHETSPLDNSDAFLSTHLKLFPSASSNSFYSELPPQGFQDYNNLGQFTDDDDQ
VPTPLVAITITRLVVGFLLPVIMACYSFVFRMQRGRFAKSQSKTFRVAVVVAVFLVCWTPYHIF
GVLSLLTDPETPLGKTLMSWDHVCIALASANSFCNPFLYALLGKDFRKKARQSIQGILEAAFSEEL
TRSTHCPSPNNVISERNSTTV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.3

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 — C3AR1

Entrez GeneID[719](#)**GeneBank Accession#**[NM_004054.2](#)**Protein Accession#**[NP_004045.1](#)**Gene Name**

C3AR1

Gene Alias

AZ3B, C3AR, HNFAG09

Gene Description

complement component 3a receptor 1

Omim ID[605246](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

complement component 3 receptor 1

Pathway

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

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Lymphoma](#)
- [Macular Degeneration](#)