

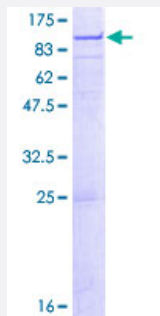
Full-Length

C1R (Human) Recombinant Protein (P02)

Catalog # H00000715-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C1R full-length ORF (NP_001724.3, 1 a.a. - 705 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWLLYLLVPALFCRAGGSIPQKLFGEVTSPLFPKYPNNFETTTVITVPTGYRVKLVFQQFDLEP
SEGCIFYDYKISADKKSLGRFCGQLGSPNGPPGKKEFMSQGNKMLLTFHTDFSNEENGTIMFYK
GFLAYYQAVDLDECASRSKLGEEDPQPQCQHLCHNYVGGYFCSCRPGYELQEDRHSCQAEC
SELYTEASGYSSLEYPRSYPPDLRCNYSIRVERGLTLHLKFLEPFDIDDHQQVHCPYDQLQIYANG
KNIGEFCKQRPDLDTSSNAVDLLFFTDSESGDSRGWKLRYTTEIKCPQPKTLDEFTIQNLQPQY
QFRDYFIATCKQGYQLIEGNQVLHSFTAVCQDDGTWHRAMPRCKIKDCGQPRNLPNGDFRYTTTM
GVNTYKARIQYYCHEPYKMQTRAGSRESEQGVYTCTAQQGWKNEQKGEKIPRCLPVCCKPVNPV
EQRQRIIGGQKAKMGNFPWQVFTNIHGRGGGALLGDRWILTAAHTLYPKEHEAQSNASLDVFLGH
TNVEELMKLGNHPIRRVSVHPDYRQDESYNFECDIALLELENSVTLPNLLPICLPDNDTFYDLGL
MGYVSGFGVMEEKIAHDLRFVRLPVANPQACENWLRGKNRMDVFSQNMFCAGHPSLKQDACQ
GDSGGVFAVRDPNTDRWVATGIVSWGIGCSRGYGFYTKVLNYVDWIKKEMEEED

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

106.6

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 — C1R

Entrez GeneID	715
GeneBank Accession#	NM_001733.4
Protein Accession#	NP_001724.3
Gene Name	C1R
Gene Alias	-
Gene Description	complement component 1, r subcomponent
Omim ID	216950
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Pathway

- [Complement and coagulation cascades](#)

- [Systemic lupus erythematosus](#)

Disease

- [Alzheimer disease](#)