

Recombinant Human C1R

Cat. No. C1R-26129TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human C1r with N terminal proprietary tag; Predicted MW 103.62 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	705 amino acids
Molecular Weight	103.620kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MWLLYLLVPALFCRAGGSIPQKLFGEVTSPLFPKPYPN NFETTTVITVPTGYRVKL VFQQFDLEPSEGCFYDYVKISA DKKSLGRFCGQLGSPLGNPPGKKEFMSQGNKML LTFHTDF SNEENGTIMFYKGLAYYQAVDLDECASRSKLGEEDPQPQ CQHLCHNY VGGYFCSCRPGYELQEDRHSCQAECSSSELYTE ASGYISSLEYPRSYPPDLRCNYSI RVERGLTLHLKFLEPF DIDDHQQVHCPYDQLQIYANGKNIGFCGKQRPPDLTSS

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NAVDLLFFTDESGDSRGWKLRYTTEIIKCPQPKTLDEFTI IQNLQPQYQFRDYFIATC
 KQGYQLIEGNQVLHSFTAVCQD DGTWHRAMPRCKIKDCGQPRNLPNGDFRYTTT
 MGVNTYKA RIQYYCHEPYKMQTRAGSRESEQGVYTCTAQQGIWKNEQK GEKIPR
 CLPVCCKPVPVEQRQRRIIGGQKAKMGNFPWQVF TNIHGRGGGALLGDRWILTAA
 HTLYPKEHEAQSNASLDVF LGHTNVEELMKLGNHPIRRVSVHPDYRQDESYNFEG
 DIAL LELENSVTLGPNLLPICLPDNDTFYDLGLMGYVSGFGVME EKIAHDLRFVRLP
 VANPQACENWLRGKNRMDVFSQNMFCA GHPSLKQDACQGDSGGVFAVRDPNTD
 RWWATGIVSWGIGC SRGYGFYTKVLNYVDWIKKEMEEED

Sequence Belongs to the peptidase S1 family. Contains 2 CUB domains. Contains 1 EGF-like
Similarities domain. Contains 1 peptidase S1 domain. Contains 2 Sushi (CCP/SCR) domains.

GENE INFORMATION

Gene Name	C1R complement component 1, r subcomponent [Homo sapiens]
Official Symbol	C1R
Synonyms	C1R; complement component 1, r subcomponent; complement C1r subcomponent;
Gene ID	715
mRNA Refseq	NM_001733
Protein Refseq	NP_001724
MIM	613785
Uniprot ID	P00736
Chromosome	12p13

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Location

Pathway

Function

Classical antibody-mediated complement activation, organism-specific biosystem;
Complement Activation, Classical Pathway, organism-specific biosystem;
Complement and Coagulation Cascades, organism-specific biosystem; Complement
and coagulation cascades, organism-specific biosystem; Complement and
coagulation cascades, conserved biosystem;

calcium ion binding; peptidase activity; serine-type endopeptidase activity; serine-type
peptidase activity;

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