Human C3c Recombinant Protein

RPPB3093

Product Information

Product SKU:
RPPB3093

Host:
Human Plasma.

Protein Information

Protein description:
Human C3c produced in Human Plasma having a molecular mass of 137 KDa. Complement C3c consists of three peptides: C3c Beta chain (23-667), C3c alpha chain fragment 1 (749-954) and C3c alpha chain fragment 2 (1321-1663) joined together by disulphide bonds.

Appearance:
Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:
Complement C3c, Complement Component C3c, C3c.

Formulation:
The Human Complement C3c was lyophilized in a sodium phosphate buffer, pH 7.2, containing 0.15M NaCl.

Purity:
Greater than 96.0%.

Solubility:
It is recommended to reconstitute the lyophilized C3c in de-ionized water.

Stability:
Human C3c although stable at room temperature for 3 weeks, should be stored between 2-8°C.

Amino Acid Sequence:
C3c Beta chain (23-667)SPMYSIITPNILRLESEETMVLEAHDAQGDVPVTVTVHDFPGKKLVLSSEKTVLTPATNHMGNVTFTIPANREFK SEKGRNKFVTVQATFGTQVVEKVVLVSLQSGYLFIQTDKTIYTPGSTVLYRIFTVNHKLLPVGRTVMVNIENPEGIPVK QDSLSSQNQLGVLPLSWDIPELVNMGQWKIRAYYENSPQQVFSTEFEVKEYVLPSFEVIVEPTEKFYYIYNEKGLEVTI TARFLYGKKVEGTAFVIFGIQDGEQRISLPESLKRIPIEDGSGEVVLSRKVLLDGVQNPRAEDLVGKSLYVSATVILHSG SDMVQAERSGIPIVTSPYQIHFTKTPKYFKPGMPFDLMVFVTNPDGSPAYRVPVAVQGEDTVQSLTQGDGVAKLSI NTHPSQKPLSITVRTKKQELSEAEQATRTMQALPYSTVGNSNNYLHLSVLRTELRPGETLNVNFLLRMDRAHEAKIR YYTYLIMNKGRLLKC3c alpha chain fragment 1 (749-954)SNLDEDIIAEENIVSRSEFPESWLWNVEDLKEPPKNGISTKLMNIFLKDSITTWEILAVSMSDKKGICVADPFEVT VMQDFFIDLRLPYSVVRNEQVEIRAVLYNYRQNQELKVRVELLHNPAFCSLATTKRRHQQTVTIPPKSSLSVPYVIVP LKTGLQEVEVKAAVYHHFISDGVRKSLKVVPEGIRMNKTVAVRTLDPERLGRC3c alpha chain fragment 2 (1321-1663)SEETKENEGFTVTAEGKGQGTLSVVTMYHAKAKDQLTCNKFDLKVTIKPAPETEKRPQDAKNTMILEICTRYR GDQDATMSILDISMMTGFAPDTDDLKQLANGVDRYISKYELDKAFSDRNTLIIYLDKVSHSEDDCLAFKVHQYFNV ELIQPGAVKVYAYYNLEESCTRFYHPEKEDGKLNKLCRDELCRCAEENCFIQKSDDKVTLEERLDKACEPGVDYVYKT RLVKVQLSNDFDEYIMAIEQTIKSGSDEVQVGQQRTFISPIKCREALKLEEKKHYLMWGLSSDFWGEKPNLSYIIGKD TWVEHWPEEDECQDEENQKQCQDLGAFTESMVVFGCPN