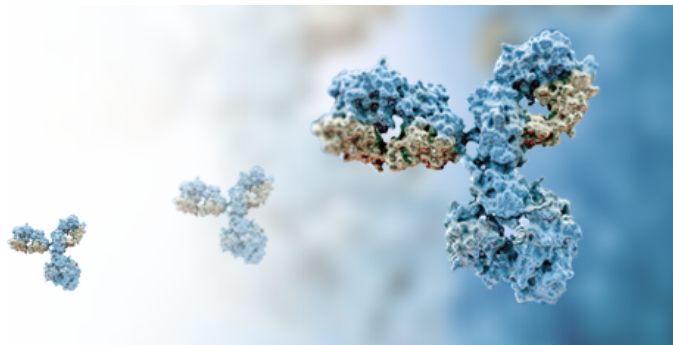




Native Human Complement C3B Protein

Cat. No.: CTP-051

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product is a 180 kDa Native Human Complement C3B protein from human serum. It is available for ELISA.

SPECIFICATIONS

Molecule Mass	180 kDa
Purity	>90% by SDS-PAGE
Specie Reactivity	Human
Target	C3b
Type	Native Protein
Formulation	PBS
Sequence	MGPTSGPSLLLLLLTHLPLALGSPMYSIITPNILRLESEETMVLEAHDAQGDVPVTVTVH DFPGKKLVLSSEKTVLTPATNHMGNVTFITIPANREFKSEKGRNKFVTVQATFGTQVVEKV VLVSLQSGYLFIQTDKIYTPGSTVLYRIFTVNHKLLPVGRTVMVNIENPEGIPVKQDSL SSQNQLGVLPLSWDIPELVNMGQWKIRAYYENSPQQVFSTEFVKEYVLPSFEVIVEPTE KFYYIYNEKGLEVTITARFLYGKKVEGTAFVIFGIQDGEQRISLPESLKRIPIEDGSGEV VLSRKVLLDGVQNPRAE DLVGKSLYVSATVILHSGSDMVQAERSGIPIVTSPIYQIHFTKT PKYFKPGMPFDLMVFVTNPDGSPAYRVPVAVQGEDTVQSLTQGDGVAKLSINTHPSQKPL SITVRTKKQELSEAEQATR TMQALPYSTVGNSNNYLHLSVLRTEL RPGETLNVN FLLRMD RAHEAKIRYYTYLIMNKGRLKAGRQVREPGQDLVVLPLSITTD FIPSFRLVAYYTLIGA SGQREVVADSVWVDVKDSCVGS LVVKSQSEDRQPVP GQMTLKIEGDHGARVVLVAVDK GVFVLNKKNKLTQSKIWDVVEKADIGCTPGSGKDYAGVFSDAGLTFTSSSGQQT AQRAEL QCPQPAARRRRSVQLTEKRMDKV GKYPKELRKCCEDGMRENPMRFSCQRRTRFISLGEAC KKVFLDCCNYITELRRQHARASHLGLARSNLDEDIIAEENIVSRSEFPESWLWNVEDLKE PPKNGISTKLMNIFLKDSITTWEILAVSMSDKKGICVADPF EVTVMQDFFIDLRLPYSVV RNEQVEIRAVLYNYRQNQELKVRVELLHNP AFCSLATTKRRHQQT VTI PPKSSLSVPYVI

VPLKTGLQEVEVKAAVYHHFISDGVKSLKVPEGIRMNKTVAVRTLDPERLGREGVQKE
DIPPADLSDQVPDTESETRILLQGTPVAQMTEDAVIDAERLKHILVTPSGCGEQNMIGMTP
TVIAVHYLDETEQWEKFGLEKRQGALELIKGYTQQLAFRQPSSAFAAFVKRAPSTWLTA
YVVKVFSLAVNLIAIDSQVLCGAVKWLILEKQKPDGVFQEDAPVIHQEMIGGLRNNNEKD
MALTAFLVLSLQEAKDICEEQVNSLPGSITKAGDFLEANYMNLQRSYTVAIAGYALAQM
RLKGPLLNKFLTTAKDKNRWEDPGKQLYNVEATSYALLALLQLKDFDFVPPVVRWLNEQR
YYGGGYGSTQATFMVFQALAQYQKDAPDHQELNLDVSLQLPSRSSKITHRIHWESASLLR
SEETKENEGFTVTAEGKGQGTLSVVTMYHAKAKDQLTCNKFDLKVTIKPAPETEKRPQDA
KNTMILEICTRYRGDQDATMSILDISMMTGAFPDDDLKQLANGVDRIYSKYELDKA
FSD RNTLIYLDKVSHEDDCLAFKVHQYFNVELIQPGAVKVYAYYNLEESCTRFYHPEKEDG
KLNKLCRDELCRCAEENCFIGKSDDKVTLEERLDKACEPGVDYVYKTRLVKVQLSND
FDE YIMAIEQTIKSGSDEVQVGQQRTFISPIKCREALKLEEKHYLMWGLSSDFWGEKPNLSY
IIGKDTWVEHWPEEDECQDEENQKQCQDLGAFTESMVVFGCPN

Applications	ELISA
Product Form	Liquid
Storage	Store at -20/-80°C. Aliquot to avoid repeated freezing and thawing.

PROTEIN INFORMATION

Introduction	Complement C3b is a fragment formed by the cleavage of complement component 3, which is an important component of C3 convertase and C5 convertase. Also, C3b is potent in opsonization: tagging pathogens, immune complexes (antigen-antibody), and apoptotic cells for phagocytosis.
Alternative Names	Complement C3b; C3b fragment
Gene ID	718
UniProt ID	P01024