

RPPB3154

Product Information Protein Information

Product SKU:

RPPB3154

Accession:

P00751

Host:

Escherichia Coli.

Protein description:

CFB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 528 amino acids (260-764) and having a molecular mass of 59.4 kDa. CFB is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Complement factor B (EC:3.4.21.47), C3/C5 convertase, Glycine-rich beta glycoprotein, GBG, PBF2, Properdin factor B, Complement factor B Ba fragment, Complement factor B Bb fragment, CFB, Complement Factor B, BFD, AHUS4, BF, BFD, CFAB, FB, FBI12, H2-Bf.

Formulation:

The CFB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSKIVLDPS GSMNIYLVLD GSDSIGASNF TGAKKCLVNL IEKVASYGVK
PRYGLVTYAT YPKIWVKVSE ADSSNADWVT KQLNEINYED HCLKSGTNTK KALQAVYSMM SWPDDVPEP
WNRTRHVIL MTDGLHNMGG DPITVIDEIR DLYIGKDRK NPREDYLDVY VFGVGPLVNQ VNINALASKK
DNEQHVFKVK DMENLEDVFY QMIDESQSLS LCGMVWEHRK GTDYHKQPWQ AKISVIRPSK GHESCMGAVV
SEYFVLTAAH CFTVDDKEHS IKVSVGGEKR DLEIEVLFH PNYNINGKKE AGIPEFYDYD VALIKLKNKL
KYGQTIRPIC LPCTEGTTRA LRLPPTTCQ QQKEELLPAQ DIKALFVSEE EKKLTRKEVY IKNGDKKGSC
ERDAQYAPGY DKVKDISEV TPRFLCTGGV SPYADPNTCR GDSGGPLIVH KRSRFIQGV ISWGVVDVCK
NQKRQKQVPA HARDFHINLF QVLPWLKEKL QDEDLGFL