



Recombinant Human C8B Protein Product Manual

1. Product Basic Information

Product No.: REP06305

Protein Name: Complement C8 Beta Chain (C8B)

Aliases: complement C8 beta chain; complement component C8 beta chain; complement component 8 subunit beta; complement component 8, beta polypeptide

UniProt ID: P07358

UniProt Link: <https://www.uniprot.org/uniprotkb/P07358/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (55-591aa)

Molecular Weight: 68.5 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (55-591aa)

SVDVTLMPIDCELSSWSSWTTCDPCQKKRYRYAYLLQPSQFHGEP CNFSDKEVED
CVTNRPCRSQVRCEGFVCAQTGRCVNRRLLCNGDND CGDQSDEANCRRIYKKCQ
HEMDQYWGIGSLASGINLFTNSFEGPVL DHRYYAGGCSPHYILNTRFRKPYNVESY
TPQTQGKYEFILKEYESYSD FERNVTEKMASKSGFSFGFKIPGIFELGISSQSDRGK
HYIRRTKRFSHTKSVFLHARS DLEVAHYKLKPRSLMLHYEFLQRVKRLPLEYSYGEY
RDLFRDFGTHYTEAVLGGIYEYTLVMNKEAMERGDYTLNNVHACAKNDFKIGGAIE
EVYVSLGVS VGKCRGILNEIKDRNKRDTMVEDLVVLVRGGASEHITTLAYQELPTAD
LMQEWGDAVQYNPAIIKVKVEPLYELVTATDFAYSSTVRQNMKQALEEFQKEVSSC
HCAPCQGNGVPVLKGSRCDCICPVGSQGLACEVSYRKNTPIDGKWNCWSNWSSC
SGRRKTRQRQCNNPPPQNGGSPCSGPASETLD CS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human C8B full length of mature protein protein (55-591aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. C8B, also known as complement C8 beta chain or complement component C8 beta chain or complement component 8 subunit beta, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.