



Recombinant PCV2 CAP Protein Product Manual

1. Product Basic Information

Product No.: REP06323

Protein Name: Bromodomain Containing 4 (CAP)

Aliases: bromodomain containing 4

UniProt ID: A0A6M3QH40

UniProt Link: <https://www.uniprot.org/uniprotkb/A0A6M3QH40/entry>

Species Source: Porcine circovirus 2 (PCV2)

Expression System: E.coli

Protein Length: Full Length (1-233aa)

Molecular Weight: 47.9 kDa

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

2. Amino Acid Sequence (1-233aa)

MTYPRRRYRRRRHRPRSHLGQILRRRPWLVHPRHRYRWRRKNGIFNTRLSRTFGY
TVKATTVRTPSWAVDMMRFNIDDFVPPGGGTNKISIPFEYYRIRKVKVEFWPCSPIT
QGDRGVGSTAVILDDNFVTKATALTYDPYVNYSSRHTIPQPFSYHSRYFTPKPVLDS
TIDYFQPNKRTQLWLRLQTSRNVHDHVGGLTAFENSIYDQDYNIRVTMYVQFREFN
LKDPPLKP

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

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 PCV2 CAP full length protein (1-233aa) expressed in E.coli. The protein is dual-tagged with 10xHis-SUMO tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. CAP, also known as bromodomain containing 4, 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.