



Recombinant Human CBX8 Protein Product Manual

1. Product Basic Information

Product No.: REP06340

Protein Name: Polycomb Chromobox Rectachrome Pc Class 3 Homolog (CBX8)

Aliases: PC3; RC1; polycomb chromobox rectachrome Pc class 3 homolog

UniProt ID: Q9HC52

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9HC52/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-389aa)

Molecular Weight: 50.8 kDa

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

2. Amino Acid Sequence (1-389aa)

MELSAVGERVFAAEALLKRRIRKGRMEYLVKWKGWSQKYSTWEPEENILDARLLAA
FEEREREMELYGPKKRGPKPKTFLKAKAKAKAKTYEFRSDSARGIRIPYPGRSPQ
DLASTSRAREGLRNMGLSPPASSTSTSSTCRAEAPRDRDRDRDRDRERDRERER
ERERERERERERERGTSRVDDKPSSPGDSSKKRGPKPRKELPDPSQRPLGEP
GLGEYLGKGRKLDDTPSGAGKFPAGHSVIQLARRQSDLVQCGVTSPSSAEATGKL
AVDTFPAARVIKHRAAFLEAKGQGALDPNGTRVRHSGGPPSSGGGLYRDMGAQGG
RPSLIARIPVARILGDPEEESWSPSLTNLEKVVVTDVTSNFLTVTIKESNTDQGFFKE
KR

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 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 Human CBX8 full length protein (1-389aa) 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. CBX8, also known as PC3 or RC1 or polycomb chromobox rectachrome Pc class 3 homolog, 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.