



Recombinant Human CENPF Protein Product Manual

1. Product Basic Information

Product No.: REP06431

Protein Name: Ah Antigen (CENPF)

Aliases: CENF; hcp-CILD31; STROMS; PRO1779; mitotin; AH antigen; centromere protein kinetochore protein CENPF; CENP-F kinetochore protein; centromere protein F, 350/400kDa; cell-cycle-dependent 350K nuclear pr...

UniProt ID: P49454

UniProt Link: <https://www.uniprot.org/uniprotkb/P49454/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Partial (1759-2093aa)

Molecular Weight: 82.2 kDa

Protein Tag: N-terminal MBP-tagged and C-terminal 6xHis-tagged

2. Amino Acid Sequence (1759-2093aa)

AIQGRNESCDISKEHTSETTERTPKHDVHQICDKDAQQDLNLDIEKITETGAVKPTGE
CSGEQSPDTNYEPPGEDKTQGSSECEISLFSGPNALVPMDFLGNQEDIHNLQLRV
KETSNNELRLHVIEDRDRKVESLLNEMKELDSKLHLQEVQLMTKIEACIELEKIVGE
LKKENSDLSEKLEYFSCDHQELLQRVETSEGLNSDLEMHADKSSREDIGDNVAKVN
DSWKERFLDVENELSRIRSEKASIEHEALYLEADLEVQTEKLCLEKDNENKQKVIV
CLEEELSVVTSENRQLRGELDTMSKTTALDQLSEKMKEKTQELESHQSE

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



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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 CENPF partial protein (1759-2093aa) expressed in Baculovirus. The protein is dual-tagged with MBP tag at the N-terminus and 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CENPF, also known as CENF or hcp-CILD31 or STROMS, 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.