



Recombinant Rat CFD Protein

Product Manual

1. Product Basic Information

Product No.: REP06438

Protein Name: Complement Factor D Preproprotein (CFD)

Aliases: DF; ADN; PFD; ADIPSIN; complement factor D preproprotein; D component of complement (adipsin)

UniProt ID: P00746

UniProt Link: <https://www.uniprot.org/uniprotkb/P00746/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: Mammalian cell

Protein Length: Full Length of Mature Protein (26-263aa)

Molecular Weight: 53.5 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (26-263aa)

ILGGQEAMAHARPYMASVQVNGTHVCGGTLVDEQWVLSAAHCMDGVTKDEVVQV
LLGAHSLSSPEPYKHLVDVQSVVLHPGSRPDSVEDDLMLFKLSHNASLGPHVRPLP
LQREDREVKPGTLCDVAGWGWVTHAGRRPDVLQQLTVSIMDRNTCNLRITYHDGAI
TKNMMCAESNRRDTCRGDSGGPLVCGDAVEAVTWGSRVCGNRRKPGVFTRVA
TYVPWIENVLSGNVSVNVTA

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

5. Product Description

This product is a recombinant Rat CFD full length of mature protein protein (26-263aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. CFD, also known as DF or ADN or PFD, 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.