

Recombinant Human RD3 Protein Product Manual

1. Product Basic Information

Product No.: REP08025

Protein Name: Protein Rd3 (RD3)

Aliases: LCA12; C1orf36; protein RD3; RD3 regulator of GUCY2D

UniProt ID: Q7Z3Z2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q7Z3Z2/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-195aa)

Molecular Weight: 25.3 kDa

Protein Tag: C-terminal 9xHis-tagged

2. Amino Acid Sequence (1-195aa)

MSLISWLRWNEAPSRLSTRSPAEMVLETLMMELTGQMREAERQQRERSNAVRKV
CTGVDYSWLASTPRSTYDLSPIERLQLEDVCVKIHPSTYCGPAILRFRQLLAEQEPEV
QEVSQLFRSVLQEVLERMKQEEEEAHKLTRQWSLRPRGSLATFKTRARISPFASDIR
TISEDVERDTPPPLRSWSMPEFRAPKAD

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 RD3 full length protein (1-195aa) expressed in Mammalian cell. The protein is with 9xHis tag at the C-terminus, which facilitates protein purification, detection and identification. RD3, also known as LCA12 or C1orf36 or protein RD3, 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.