

Recombinant Human PLXDC2 Protein Product Manual

1. Product Basic Information

Product No.: REP07823

Protein Name: PLXDC2

Aliases: TEM7R; PLXDC2-OT; 1200007L24Rik

UniProt ID: Q6UX71

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6UX71/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (31-454aa)

Molecular Weight: 55.5

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

2. Amino Acid Sequence (31-454aa)

KPGDQILDWQYGVTAQAFPHTEEEVEVDSHAYSHRWKRNLDLFLKAVDTNRSVGG
DSPEPRSFTDLLLDDGQDNNTQIEEDTDHNYIISRIYGPSDSASRDLWVNIDQMEK
DKVKIHGILSNTHRQAARVNLSFDFPFYGHFLREITVATGGFIYTGEVVHRMLTATQY
IAPLMANFDPSVSRNSTVRYFDNGTALVVQWDHVHLQDNYNLGSFTFQATLLMDG
RIIFGYKEIPVLVTQISSNHPVKVGLSDAFVVVHRIQQIPNVRRTIYEYHRVELQMS
KITNISAVEMTPLPTCLQFNRCGPCVSSQIGFNCSWCSKLQRCSSGFDRHRQDWV
DSGCPEESKEKMCENTEPVETSSRTTTTVGATTTQFRVLTTRRAVTSQFPTSLPT
EDDTKIALHLKDNGASTDDSAAEKKGGLHA

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 PLXDC2 partial protein (31-454aa) 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. PLXDC2, also known as TEM7R or PLXDC2-OT or 1200007L24Rik, 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.