



# Recombinant Mouse PDK3 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07758

**Protein Name:** PDK3

**Aliases:** CMTX6

**UniProt ID:** Q15120

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q15120/entry>

**Species Source:** Mus musculus (Mouse)

**Expression System:** E.coli

**Protein Length:** Partial (131-362aa)

**Molecular Weight:** 30.3kDa

**Protein Tag:** N-terminal 6xHis-tagged

## 2. Amino Acid Sequence (131-362aa)

IEYKEKFGFDPFISSNIQYFLDRFYTNRISFRMLINQHTLLFGGDTNPAHPKHIGSIDP  
TCNVADVVKDAYETAKMLCEQYYLVAPELEVEEFNAKAPNKPIQVVYVPSHLFHML  
FELFKNSMRATVELHEDKKEGYPAVKTLVTLGKEDLSIKISDLGGGVPLRKIDRLFNY  
MYSTAPRPSLEPTRAAPLAGFGYGLPISRLYARYFQGDLKLYSMEGVGTDAVIYLKA  
LS

## 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



## 5. Product Description

This product is a recombinant Mouse PDK3 partial protein (131-362aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PDK3, also known as CMTX6, 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.