

# Recombinant Human THAP12 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08442

**Protein Name:** P58lpk-Regulatory Protein (THAP12)

**Aliases:** DAP4; THAP0; PRKRIR; P52rIPK; P58IPK-regulatory protein; THAP domain containing 12; inhibitor of protein kinase PKR; THAP domain-containing protein 12

**UniProt ID:** O43422

**UniProt Link:** <https://www.uniprot.org/uniprotkb/O43422/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Partial (612-761aa)

**Molecular Weight:** 33.6kDa

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

## 2. Amino Acid Sequence (612-761aa)

MGQLKFNTSEEHHADMYRSDLPNPDTLSAELHCWRIKWKHRGKDIELPSTIYEALH  
LPDIKFFPNVYALLKVLCLPVMKVENERYENGRKRLKAYLRNTLTQQRSSNLALLNI  
NFDIKHDLMLMVDTYIKLYTSKSELPTDNSETVENT

## 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 Human THAP12 partial protein (612-761aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. THAP12, also known as DAP4 or THAP0 or PRKRIR, 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.