



# Recombinant Human PTGES3 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07942

**Protein Name:** Hsp90 Co-Chaperone (PTGES3)

**Aliases:** P23; TEBP; cPGES; Hsp90 co-chaperone; progesterone receptor complex p23; cytosolic prostaglandin E synthase; cytosolic prostaglandin E2 synthase; unactive progesterone receptor, 23 kD; prostaglandin E...

**UniProt ID:** Q15185

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q15185/entry>

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

**Expression System:** E.coli

**Protein Length:** Full Length (1-160aa)

**Molecular Weight:** 24.2 kDa

**Protein Tag:** N-terminal 10xHis-tagged

## 2. Amino Acid Sequence (1-160aa)

MQPASAKWYDRRDYVFIEFCVEDSKDVNVNFEKSKLTFSCLOGSDNFKHLNEIDLF  
HCIDPNDSKHKRTDRSILCCLRKGESGQSWPRLTKERAKLNWLSVDFNWNKDWED  
DSDDEMSNFDRFSEMMNNMGGDEDVDLPEVDGADDDSQDSDDEKMPDLE

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**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 PTGES3 full length protein (1-160aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PTGES3, also known as P23 or TEBP or cPGES, 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.