

## PTGES3 Human

**Description:** Recombinant Human PTGES3 produced in E. Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (1-160 a.a.) and having a molecular mass of 18.6 kDa. PTGES3 is purified by conventional chromatography techniques.

Catalog #: ENPS-465

**Synonyms:** TEBP, CPGES, SID3177, 5730442A20Rik, p23, HSP90 co-chaperone, Prostaglandin E synthase 3, Cytosolic prostaglandin E2 synthase, Telomerase-binding protein p23, Progesterone receptor complex p23, PTGES3.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MQPASAKWYD RRDYVFIEFC VEDSKDVNVN FEKSKLTFSC  
LGGSDNFKHL NEIDLFHCID PNDSKHKRTD RSILCCLRKG ESGQSWPRLT KERAKLNWLS  
VDFNNWKDWE DDSDEDMNSF DRFSEMMNMM GGDEDVDLPE VDGADDDSQD  
SDDEKMPDLE.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The PTGES3 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT & 10% Glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

PTGES3 takes part as a cochaperone and is involved in signal transduction. PTGES3 is a molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes. PTGES3 is necessary for appropriate functioning of the glucocorticoid and other steroid receptors. PTGES3 localizes to genomic response elements in a hormone-dependent method and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.

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