

# Recombinant Full Length Human PTGES3 protein, His-tagged

**Cat. No.** PTGES3-2046H    **Lot. No.** (See product label)

## SPECIFICATION

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| <b>Product Overview</b> | Recombinant Human PTGES3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-160aa                                                                                                                                                              |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

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| <b>Gene Name</b>       | PTGES3 prostaglandin E synthase 3 (cytosolic) [ Homo sapiens ]                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | PTGES3                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | PTGES3; prostaglandin E synthase 3 (cytosolic); prostaglandin E synthase 3; cPGES; p23; TEBP; Hsp90 co-chaperone; telomerase-binding protein p23; progesterone receptor complex p23; cytosolic prostaglandin E synthase; cytosolic prostaglandin E2 synthase; inactive progesterone receptor, 23 kD; P23; |

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 10728                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_006601                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>      | NP_006592                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>                 | 607061                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>          | Q15185                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Chromosome Location</b> | 12q13.13                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Pathway</b>             | Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Prostanoid metabolism, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem; |
| <b>Function</b>            | isomerase activity; prostaglandin-E synthase activity; protein binding; telomerase activity; unfolded protein binding;                                                                                                                                                                                                                                                               |