

## Recombinant Human PTGES3

**Cat. No.** PTGES3-30054TH    **Lot. No.** (See product label)

### SPECIFICATION

|                              |                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>      | Recombinant full length human p23; amino acids 1-160 , 18.6kDa.                                         |
| <b>Species</b>               | Human                                                                                                   |
| <b>Source</b>                | E.coli                                                                                                  |
| <b>ProteinLength</b>         | 1-160 a.a.                                                                                              |
| <b>Description</b>           | Prostaglandin E synthase 3 (cytosolic) is an enzyme that in humans is encoded by the PTGES3 gene.       |
| <b>Form</b>                  | Liquid                                                                                                  |
| <b>Purity</b>                | >95% by SDS-PAGE                                                                                        |
| <b>Storage buffer</b>        | Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0                            |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>Sequence Similarities</b> | Belongs to the p23/wos2 family.Contains 1 CS domain.                                                    |
| <b>Full Length</b>           | Full L.                                                                                                 |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                            |                                                                                                                                                                                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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;                                                                                  |
| <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>             | 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;                                                         |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA