

Recombinant Human PTGES3

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

SPECIFICATION

Product Overview	Recombinant full length human p23; amino acids 1-160 , 18.6kDa.
Species	Human
Source	E.coli
ProteinLength	1-160 a.a.
Description	Prostaglandin E synthase 3 (cytosolic) is an enzyme that in humans is encoded by the PTGES3 gene.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the p23/wos2 family. Contains 1 CS domain.
Full Length	Full L.

GENE INFORMATION

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Gene Name	PTGES3 prostaglandin E synthase 3 (cytosolic) [Homo sapiens]
Official Symbol	PTGES3
Synonyms	PTGES3; prostaglandin E synthase 3 (cytosolic); prostaglandin E synthase 3; cPGES; p23; TEBP;
Gene ID	10728
mRNA Refseq	NM_006601
Protein Refseq	NP_006592
MIM	607061
Uniprot ID	Q15185
Chromosome Location	12q13.13
Pathway	Metabolism of lipids and lipoproteins, organism-specific biosystem; Prostanoid metabolism, organism-specific biosystem; Regulation of Telomerase, organism-specific biosystem;
Function	isomerase activity; prostaglandin-E synthase activity; protein binding; telomerase activity; unfolded protein binding;

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