

Recombinant Human Prostaglandin E Synthase 3 (Cytosolic), His-tagged

Cat. No. PTGES3-818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant PTGES3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 18697Da (160aa).
Species	Human
Source	E.coli
Description	Prostaglandin E synthase 3 (cytosolic) is an enzyme that in humans is encoded by the PTGES3 gene . The protein encoded by this gene is also known as p23 which functions as a chaperone which is required for proper functioning of the glucocorticoid and other steroid receptors .
Sequences of amino acids	MQPASAKWYD RRDYVFIEFC VEDSKDVNVN FEKSKLTFSC LGGSDNFKHL NEIDLFHCID PNDSKHKRTD RSILCCLRKG ESGQSWPRLT KERAKLNWLS VDFNNWKDWE DDSDEDMSNF DRFSEMMNNM GGDEDVDLPE VDGADDDSDQD SDDEKMPDLE
Formulation	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole
Clonality	N/A
Purity	95% by SDS - PAGE

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Applications MS. SDS

GENE INFORMATION

Gene Name PTGES3 prostaglandin E synthase 3 (cytosolic) [Homo sapiens]

Synonyms PTGES3; TEBP; P23; prostaglandin E synthase 3 (cytosolic); cPGES; Telomerase-binding protein p23; Progesterone receptor complex p23; Cytosolic prostaglandin E2 synthase; Hsp90 co-chaperone; prostaglandin E synthase 3; inactive progesterone receptor, 23kD; cytosolic prostaglandin E synthase; EC 5.3.99.3; Progesterone receptor complex p23

Gene ID 10728

mRNA Refseq NM_006601

Protein Refseq NP_006592

MIM 607061

UniProt ID Q15185

Chromosome Location 12q13.3; 12

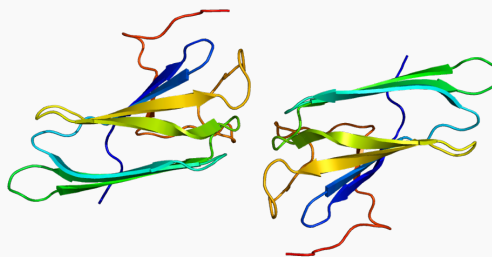
Function Isomerase activity; prostaglandin-E synthase activity; prostaglandin-E synthase activity; protein binding; telomerase activity; unfold protein binding

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