

Recombinant Human PTGES3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTGES3-4440H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTGES3 MS Standard C13 and N15-labeled recombinant protein (NP_006592) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an enzyme that converts prostaglandin endoperoxide H2 (PGH2) to prostaglandin E2 (PGE2). This protein functions as a co-chaperone with heat shock protein 90 (HSP90), localizing to response elements in DNA and disrupting transcriptional activation complexes. Alternative splicing results in multiple transcript variants. There are multiple pseudogenes of this gene on several different chromosomes.
Molecular Mass	18.7 kDa
AA Sequence	MQPASAKWYDRRDYVFIEFCVEDSKDVNVNFEKSKLTFSCLGGSDFNFKHLNEIDLF HCIDPNDSKHKRTDRSILCCLRKGESGQSWPRLTKERAKLNWLSVDFNNWKDWED DSDDEDMSNFDRFSEMMNNMGGDEDVDLPEVDGADDDSQDSDEKMPDLETRTRP LEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol PTGES3

Synonyms 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;

Gene ID 10728

mRNA Refseq NM_006601

Protein Refseq NP_006592

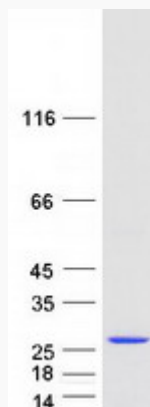
MIM 607061

UniProt ID Q15185

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SDS-PAGE

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