

## Product datasheet for TP301254

### p23 (PTGES3) (NM\_006601) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prostaglandin E synthase 3 (cytosolic) (PTGES3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201254 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MQPASAKWYDRRDYVFIEFCVEDSKDVNVNFEKSKLTFSCLOGSDNFKHLNEIDLFCIDPNDSKHKRTD RSILCCLRKGESGQSWPRLTKERAKLNWLSVDFNNWQDWEDDSDEDMSNDFRFSEMMNMGDEDVDLPE VDGADDDSQDSDDEKMPDLE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	18.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_006592</a>
Locus ID:	10728
UniProt ID:	<a href="#">Q15185</a> , <a href="#">A0A024RB32</a>
RefSeq Size:	2045



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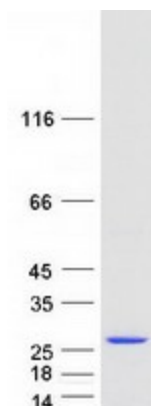
RefSeq ORF: 480

Synonyms: cPGES; P23; TEBP

**Summary:** 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. [provided by RefSeq, Feb 2016]

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor

### Product images:



Coomassie blue staining of purified PTGES3 protein (Cat# TP301254). The protein was produced from HEK293T cells transfected with PTGES3 cDNA clone (Cat# [RC201254]) using MegaTran 2.0 (Cat# [TT210002]).