

Prostaglandin E synthase 3, 1-160 aa, Human, E.coli

Cat.NO.: TP03538

3th Edition

Synonyms:PTGES3, cPGES, P23, TEBP, HSP90 co-chaperone

Description:Prostaglandin E synthase 3 (PTGES3), also known as P23 or TEBP (Telomerase binding protein p23), is a ubiquitously expressed protein that functions as a cochaperone and plays an important role in signal transduction. This protein is a molecular chaperone that localizes to genomic response elements in a hormonedependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol

Molecular Weight:18.6 kDa (160aa)

Sequences:

MQPASAKWYDRRDYVFIEFCVEDSKDVNVNFEKSKLTFSCCLGGSDNFKHLNEIDLFHCIDPNDSKHKRTDRSILCCL
RKGESGQSWPRLTKERAKLNWLSVDFNWKDWEDDSDEDMSNFDRFSEMMNMGGDEDVDLPEVDGADDD
QDSDDEKMPDLE

Purity:> 95% by HPLC

Concentration:0.5 mg/mL

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.