
Product Data Sheet

Product Name: PTGES3 Human
 Cat. No.: GP22196
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TEBP; CPGES; SID3177; 5730442A20Rik; p23; HSP90 co-chaperone; Prostaglandin E synthase 3; Cytosolic prostaglandin E2 synthase; Telomerase-binding protein p23; Progesterone receptor complex p23; PTGES3.		
Amino Acid Sequence	MQPASAKWYD RRDYVFIEFC VEDSKDVNVN FEKSKLTFSC LGGSDNFKHL NEIDLFHCID PNDSKHKRTD RSILCCLRKG ESGQSWPRLT KERAKLNWLS VDFNNWKDWE DDSDEDMSNF DRFSEMMNMM GGDEDVDLPE VDGADDDSQD SDDEKMPDLE.		
Formulation	The PTGES3 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT & 10% Glycerol.		

Introduction

PTGES3 takes part as a cochaperone and is involved in signal transduction. PTGES3 is a molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes. PTGES3 is necessary for appropriate functioning of the glucocorticoid and other steroid receptors. PTGES3 localizes to genomic response elements in a hormone-dependent method and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

Recombinant Human PTGES3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (1-160 a.a.) and having a molecular mass of 18.6 kDa. PTGES3 is purified by conventional chromatography techniques.

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