

Product datasheet for **AR09999PU-L**

PTGES2 (1-186, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PTGES2 (1-186, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MKAVNEQGKE VTEFGNKYWL MLNEKEAQV YGGKEARTEE MKWRQWADDW LVHLISPNVY RTPTEALASF DYIVREGKFG AVEGAVAKYM GAAAMYLSIK RLKSRHRLQD NVREDLYEAA DKWVAAVGKD RPFMGGQKPN LADLAVYGV LRVMEGLDAFD DLMQHITHIQP WYLRVERAIT EASPAH
Tag:	His-tag
Predicted MW:	23.5 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2 mM DTT, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PTGES2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001243264</u>
Locus ID:	80142
UniProt ID:	<u>Q9H7Z7</u> , <u>A6NHH0</u>
Cytogenetics:	9q34.11
Synonyms:	C9orf15; GBF-1; GBF1; mPGES-2; PGES2



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Summary:

The protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq, Jun 2009]

Protein Pathways:

Arachidonic acid metabolism, Metabolic pathways

Product images: