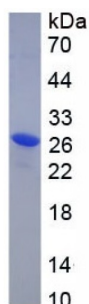


Mouse Prostaglandin G/H Synthase 1 (PTGS1) Protein

Catalogue No.: abx068703



SDS-PAGE analysis of recombinant Mouse PTGS1 Protein.

Mouse Prostaglandin G/H Synthase 1 (PTGS1) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx104041](#)

Target: Prostaglandin G/H Synthase 1 (PTGS1)

Origin: Mouse

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 90%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P22437 ([UniProt](#), [ExPASy](#))

Gene Symbol: PTGS1

Datasheet

Version: 2.0.0
Revision date: 24 Jun 2025



GeneID: [19224](#)

KEGG: mmu:19224

Ensembl: ENSMUSG00000047250

String: [10090.ENSMUSP00000059977](#)

Molecular Weight: Calculated MW: 23.3 kDa
Observed MW (SDS-PAGE): 26 kDa

Sequence Fragment: Glu407-Leu602

Sequence: EQFL FNTSMLVDYG VEALVDAFSR QRAGRIGGGR NFDYHVLHVA VDVIKESREM RLQPFNEYRK
RFGLKPYTSF QELTGEKEMA AELEELYGDI DALEFYPGLL LEKCQPNSIF GESMIEMGAP
FSLKGLLGNP ICSPEYWKPS TFGGDVGFNL VNTASLKKLV CLNTKTCPYV SFRVPDYPGD
DGSVLVRRST EL

Tag: N-terminal His tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 2000 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.