

# Human PTGR1 Recombinant Protein



RPPB2222

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## Product Information    Protein Information

**Product SKU:**

RPPB2222

**Accession:**

Q14914

**Host:**

Escherichia Coli.

**Protein description:**

PTGR1 Human Recombinant produced in E. coli is a single polypeptide chain containing 354 amino acids (1-329) and having a molecular mass of 38.6kDa. PTGR1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Prostaglandin reductase 1, PRG-1, 15-oxoprostaglandin 13-reductase, NADP-dependent leukotriene B4 12-hydroxydehydrogenase, PTGR1, LTB4DH, PGR1, ZADH3.

**Formulation:**

The PTGR1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer, pH7.5, 10% glycerol, 1mM DTT and 200mM NaCl.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSEFMVRTK TWTLKHHFVG YPTNSDFELK TAELPPLKNG EVLLEALFLT  
VDPYMRVAAK RLKEGDTMMG QQVAKVVESK NVALPKGTIV LASPGWTTHS ISDGKLEKL LTEWPDTIPL  
SLALGTVGMP GLTAYFGLLE ICGVKGETV MVNAAAGAVG SVVQIAKLG GCKVVGAVGS DEKVAYLQKL  
GFDVVFNYKT VESLEETLKK ASPDGYDCYF DNVGGEFSNT VIGQMKKFGR IAICGAISTY NRTGPLPPGP  
PPEIVYQEL RMEAFVYRW QGDARQKALK DLLKWWLEGK IQYKEYIEG FENMPAAFVG MLKGDNLGKT IVKA.