

# Human PTGR2 Recombinant Protein



RPPB2223

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## Product Information    Protein Information

**Product SKU:**

RPPB2223

**Accession:**

Q8N8N7

**Host:**

Escherichia Coli.

**Protein description:**

PTGR2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 375 amino acids (1-351) and having a molecular mass of 41.1kDa. PTGR2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Prostaglandin reductase 2, PRG-2, 15-oxoprostaglandin 13-reductase, Zinc-binding alcohol dehydrogenase domain-containing protein 1, PTGR2, ZADH1, PGR2.

**Formulation:**

The PTGR2 solution (1mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 10% glycerol, 1mM DTT and 50mM 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:**

MGSSHHHHH SGLVPRGSH MGSMMIVQRV VLNSRPGKNG NPVAENFRME EVYLPDINE GQVQVRTLYL  
SVDPYMRCRM NEDTGTDYIT PWQLSQVVDG GGIGIEESK HTNLTKGDFV TSFYWPWQTK VILDGNSLEK  
VDPQLVDGHL SYFLGAIGMP GLTSLIGIQE KGHITAGSNK TMVVSGAAGA CGSVAGQIGH FLGCSRVVGI  
CGTHEKCILL TSELGFDAAI NYKKDNVAEQ LRESCPAGVD VYFDNVGGNI SDTVISQMNE NSHIILCGQI  
SQYNKDVYP PPLSPAIEAI QKERNITRER FLVLNYKDF EPGILQLSQW FKEGKLKIKE TVINGLENMG  
AAFQSMMTGG NIGKQIVCIS EEISL.