# Recombinant Full Length Pan Troglodytes Prostaglandin E2 Receptor Ep4 Subtype(Ptger4) Protein, His-Tagged

**Cat. No.** RFL14528PF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Full Length Pan troglodytes Prostaglandin E2 receptor EP4 subtype(PTGER4) Protein (Q95KZ0) (1-490aa), fused to N-terminal His tag, was expressed in E. coli. |
| **Species** | Pan troglodytes |
| **Source** | E.coli |
| **ProteinLength** | Full Length (1-490) |
| **Form** | Lyophilized powder |
| **AA Sequence** | MSTPGVNASASLSPDRLNSPVTIPAVMFIFGVVGNLVAIVVLCKSRKEQKETTFYTLV CG LAVTDLLGTLLVSPVTIATYMKGQWPGGQPLCEYSTFILLFFSLSGLSIICAMSVE RYLA INHAYFYSHYVDKRLAGLTLFAVYASNVLFCALPNMGLGSSRLQYPDTWCFID WTTNVTA HAAYSYMYAGFSSFLILATVLCNVLVCGALLRMHRQFMRRTSLGTEQHH AAAAAVTSVAS RGHPAASPALPRLSDFRRRRSFRRIAGAEIQMVILLIATSLVVLICSI PLVVRVFVNQLY QPSLEREVSKNPDLQAIRIASVNPILDPWIYILLRKTVLSKAIEKIKC LFCRIGGSRRER SGQHCSDSQRTSSAMSGHSRSFISRELKEISSTSQTLLPDLSLPD LSENGLGGRNLLPGV PGMGLAQEDTTSLRTLRISETSDSSQGQDSESVLLVDEAGG SGRAGPAPKGSSLQVTFPS ETLNLSEKCI |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |

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| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Storage** | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| **Storage Buffer** | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

## GENE INFORMATION

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| **Gene Name** | PTGER4 |
| **Synonyms** | PTGER4; Prostaglandin E2 receptor EP4 subtype; PGE receptor EP4 subtype; PGE2 receptor EP4 subtype; Prostanoid EP4 receptor |
| **UniProt ID** | Q95KZ0 |

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