

Recombinant Human PTGS2/COX2/PGHS-2 Protein (His Tag)

RPES0411

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES0411

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 50µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: COX-2, COX2, GRIPGHS, PGG/HS, PGHS-2, PHS-2, hCox-2

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: Baculovirus-Insect Cells

Bio-Activity: Not validated for activity

Calculated MW: 68.5 kDa

Formulation: Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10% glycerol, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Observed MW: 66 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Accession: NP_000954.1

Source: Baculovirus-Insect Cells-derived Human PTGS2/COX2/PGHS-2 protein Met 1-Leu 604, with an C-terminal His

Sequence: Met 1-Leu 604

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.