

Recombinant Human TIMP-2 Protein(hIgG1 Fc Tag)

RPES9430

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: RPES9430

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

Contents: 100µg, 20µg, 500µg, 1mg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Synonyms: DDC, TIMP, metalloproteinase inhibitor, TIMP metalloproteinase inhibitor, Tissue inhibitor of metalloproteinases, CSC-21K tissue inhibitor of metalloproteinase, TIMP2, CSC-21K, DDC8, CSC-21K tissue inhibitor of metalloproteinase 2, metalloproteinase inhibitor 2, TIMP metalloproteinase inhibitor 2, Tissue inhibitor of metalloproteinases 2, Metalloproteinase inhibitor 2, Metalloproteinase inhibitor 2 precursor, TIMP 2, TIMP metalloproteinase inhibitor 2, TIMP2, Tissue inhibitor of metalloproteinases 2, CSC 21K, CSC-21K, Tissue inhibitor of metalloproteinases 2 (TIMP-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-hIgG1 Fc

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

Expression Host: Mammalian

Bio-Activity: Not validated for activity

Calculated MW: 46.2 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 50 kDa

Reconstitution: It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Accession: P16035

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

Source: Mammalian-derived Human TIMP-2 protein Cys27-Pro220, with an C-terminal hIgG1 Fc

Sequence: Cys27-Pro220

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

Form: Lyophilized powder