Recombinant Human MMP-2 Protein(His Tag)

RPES9566

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: RPES9566

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

Species: Human

Synonyms: Gelatinase A, 72 kDa type IV collagenase, Matrix metalloproteinase-2, TBE-1

Tag: C-His

Expression Host: Mammalian

Calculated MW: 69.3 kDa

Observed MW: 70 kDa

Accession: P08253

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

Concentration: -

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

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

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

Bio-Activity: Not validated for activity

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

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.

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

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

Source: Mammalian-derived Human MMP-2 proteins Ala30-Cys660, with an C-terminal His

Sequence: Ala30-Cys660

Form: Lyophilized powder

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