

Recombinant Human MMP-3 Protein

RPES2942

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: RPES2942

Purity: > 97 % as determined by reducing SDS-PAGE.

Contents: 20µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

Synonyms: CHDS6, MMP-3, MMP3, Matrix metalloproteinase-3, SL-1, STMY, STMY1, STR1, Stromelysin-1, Transin-1

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: None

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

Expression Host: E.coli

Bio-Activity: Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nva- WR-K(Dnp)-NH₂, AnaSpec, Catalog # 27114. The specific activity is > 300 pmoles/min/µg. (Activation description: The proenzyme needs to be activated by Chymotrypsin for an activated form)

Calculated MW: 29 kDa

Formulation: Lyophilized from sterile 50mM Tris, 10mM CaCL₂, 1uM ZnCL₂, 50mM NaCl, 0.5% Brij35, pH 7.0 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.

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

Observed MW: 34 kDa

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

Accession: AAA36321.1

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: E.coli-derived Human MMP-3 protein Tyr 18-Thr 272

Sequence: Tyr 18-Thr 272

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

Form: Lyophilized powder