Recombinant Human Pancreasin/Marapsin/PRSS27 Protein (His Tag)

RPES3579

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: RPES3579

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

Species: Human

Synonyms: CAPH2, MPN, UNQ1884/PRO4327

Tag: C-His

Expression Host: HEK293 Cells

Calculated MW: 30.9 kDa

Observed MW: 42 kDa

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

Concentration: -

Endotoxin: < 1.0 EU per µg 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: Measured by its ability to cleave a colorimetric peptide substrate, NcarbobenzyloxyGlyArgThioBenzyl ester (ZGR-SBzl), in the presence of 5, 5' Dithiobis (2-nitrobenzoic acid) (DTNB). The specific activity is > 2000 pmols/min/µg.

Formulation: Lyophilized from sterile PBS, pH 7.4 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.

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

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

Accession: Q9BQR3

Source: HEK293 Cells-derived Human Pancreasin/Marapsin/PRSS27 protein Met 1-Lys 290, with an C-terminal His

Sequence: Met 1-Lys 290

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.