Recombinant Human A2M/CPAMD5/Alpha-2-macroglobulin Protein (His

RPES2417

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: RPES2417

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

Species: Human

Synonyms: A2MD, CPAMD5, FWP007, S863-7

Tag: C-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 164 kDa

Purity: > 92 % 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 trap trypsin. The trapped trypsin is no longer able to interact with protein substrates or inhibitors, but still able to cleave small peptide substrates or inhibitors. The IC50 value is < 5 nM.

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, 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.

Observed MW: 160-170 kDa

Accession: NP_000005.2

Source: Baculovirus-Insect Cells-derived Human A2M/CPAMD5/Alpha-2-macroglobulin protein Met 1-Ala 1474, with an C-terminal His

Sequence: Met 1-Ala 1474

Form: Lyophilized powder

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

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.