

Recombinant Human Carbonic Anhydrase 5B/CA5B Protein (His Tag)

RPES5221

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: RPES5221

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

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

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

Synonyms: CA-VB, CA5B, Carbonate Dehydratase VB, Carbonic Anhydrase 5B Mitochondrial, Carbonic Anhydrase VB

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-His

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

Expression Host: E.coli

Bio-Activity: Measured by its esterase activity. The specific activity is > 150 pmoles/min/µg.

Calculated MW: 34.0 kDa

Formulation: Lyophilized from sterile 20mM Tris, 50mM NaCl, 0.05% Brij-35, pH 8.0 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.

Observed MW: 34 kDa

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

Accession: Q9Y2D0

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in

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

Source: E.coli-derived Human Carbonic Anhydrase 5B/CA5B protein Cys 34-Pro 317, with an C-terminal His

Sequence: Cys 34-Pro 317

Form: Lyophilized powder

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.