

Recombinant Mouse Carbonic Anhydrase II/CA2 Protein (His Tag)

RPES0292

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: RPES0292

Purity: > 96 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Mouse

Endotoxin: Please contact us for more information.

Synonyms: Al131712, CAII, Ca2, Car-2, Ltw-5, Lvtw-5

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 > 100 pmoles/min/µg.

Calculated MW: 30.4 kDa

Formulation: Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 7.5 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: 30-33 kDa

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

Accession: AAH55291.1

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 Mouse Carbonic Anhydrase II/CA2 protein Met 1-Lys 260, with an C- terminal His

Sequence: Met 1-Lys 260

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.