

Recombinant Human Carbonic Anhydrase 4/CA4 Protein (His Tag)

RPES4253

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: RPES4253

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

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: Subject to label value.

Species: Human

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Synonyms: CA-IV, CA4, CAIV, Car4, Carbonate Dehydratase IV, Carbonic Anhydrase 4, Carbonic Anhydrase IV, RP17

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Expression Host: E.coli

Bio-Activity: Not validated for activity

Calculated MW: 31.4 kDa

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 100mM NaCl, pH 8.5.

Observed MW: 30 kDa

Reconstitution: -

Accession: P22748

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 Carbonic Anhydrase 4, CA4 protein Ala19-Lys283, with an C- terminal His

Sequence: Ala19-Lys283

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

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

Form: Liquid