

Recombinant Human S100A12/CAGC Protein

RPES3336

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: RPES3336

Purity: > 98 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

Synonyms: CGRP, Calcitermin, Calcium-binding protein in amniotic fluid 1, Calgranulin-C, EN-RAGE, Extracellular newly identified RAGE-binding protein, MRP-6, Migration inhibitory factor-related protein 6, Protein S100-A12, S100 calcium-binding protein A12, S100A12

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: None

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

Expression Host: E.coli

Bio-Activity: Immobilized recombinant human S100A12 at 2 µg/ml (100 µl/well) can bind human AGER with a linear range of 0.032-20 µg/ml.

Calculated MW: 10.6 kDa

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.

Observed MW: 10 kDa

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

Accession: NP_005612.1

Source: E.coli-derived Human
S100A12/CAGC protein Met 1-Glu 92

Sequence: Met 1-Glu 92

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.