Recombinant Human S100A8 Protein (Baculovirus-Insect Cells, His Tag)

RPES1917

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: RPES1917

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

Species: Human

Synonyms: 60B8AG, CAGA, CFAG, CGLA, CP-10, Calgranulin-A, Cystic fibrosis antigen, L1Ag, Leukocyte L1 complex light chain, MA387, MIF, MRP-8, MRP8, NIF, P8, Protein S100-A8, S100A8

Tag: C-His

Expression Host: Baculovirus-Insect Cells

Calculated MW: 12.2 kDa

Observed MW: 14.6 kDa

Purity: > 90 % 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 bind recombinant human S100A9 in a functional ELISA.

Formulation: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, 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.

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

Accession: NP_002955.2

Source: Baculovirus-Insect Cells-derived Human S100A8 protein Met 1-Glu 93, with an C- terminal His

Sequence: Met 1-Glu 93

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.