

Recombinant Human S100A8 Protein (E.coli, His Tag)

RPES3414

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: RPES3414

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

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

Concentration: -

Species: Human

Endotoxin: Please contact us for more information.

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

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: N-His

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

Expression Host: E.coli

Bio-Activity: 1. Measured by its ability to bind recombinant human S100A9 in a functional ELISA. 2. This product displays no activity in cell-based assay.

Calculated MW: 12.2 kDa

Formulation: Lyophilized from sterile 20mM Tris, pH 8.5, 10% glycerol 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: 12.2 kDa

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

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

Accession: NP_002955.2

Source: E.coli-derived Human S100A8 protein Leu 2-Glu 93, with an N-terminal His

Sequence: Leu 2-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.