

Recombinant Rat IL-1A/ IL-1 α Protein

RPES0437

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: RPES0437

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

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

Concentration: -

Species: Rat

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

Synonyms: interleukin, Hematopoietin, IL1F1hematopoietin, IL1F, IL-1F, alpha, BAF, Hematopoietin-1, IL1, IL1 alpha, IL-1 alpha, IL1-A, IL-1A, IL1-ALPHA, IL1F1, IL-1F1, IL1F1hematopoietin-1, interleukin 1, interleukin-1 alpha, LAF, LEM, preinterleukin 1 alpha, pro-interleukin-1-alpha, IL1a, FAF, Hematopoietin 1, IL 1 alpha, IL 1A, IL1, IL1 ALPHA, IL1F1, Interleukin 1 alpha, LAF, LEM, Preinterleukin 1 alpha, IL1a

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: Not validated for activity

Calculated MW: 17.9 kDa

Formulation: Lyophilized from a 0.2 μ m filtered solution of 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: 16 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: P16598

Source: E.coli-derived Rat IL-1A/IL-1 α protein Ser115-Ser270

Sequence: Ser115-Ser270

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.