

# Recombinant Swine IL-1 alpha protein(His Tag)

RPES6844

## 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:** RPES6844

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

**Contents:** 20µg, 5µg  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Porcine

**Endotoxin:** < 0.1 EU per µg 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:** C-His

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

**Expression Host:** E.coli

**Bio-Activity:** Measure by its ability to induce D10.G4.1 cells proliferation. The ED50 for this effect is 50 pg/mL.

**Calculated MW:** 19.0 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:** 17-25 kDa

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

**Accession:** P18430

**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 Porcine IL-1 alpha protein Ser113-Ser270, with an C-terminal His

**Sequence:** Ser113-Ser270

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

**Form:** Lyophilized powder